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# METEOROLOGICAL OBSERVATIONS

AT THE

## FOREIGN AND COLONIAL STATIONS

OF THE

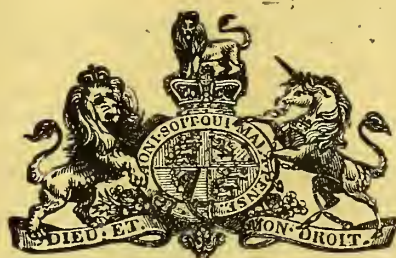
ROYAL ENGINEERS AND THE ARMY MEDICAL DEPARTMENT

1852—1886.

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Published by the Authority of the Meteorological Council.

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L O N D O N :

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### ADDENDA.

Hong Kong. Pages 234, etc. :—

Rainfall for the period May 1853 to May 1855 and for the years 1858-1862 is from a gauge 20 feet above the ground.

Pages 238 and 240 :—

The error of the barometer in use from March 1866 to July 1867 is not known.

### ERRATA.

Page 12. Quebec, 1858, Vapour Tension :—

For "48·3," "51·1," etc., read "·483," "·511," etc.

Page 44. Bermuda, 1881, February, Barometer at 3 p.m. :—

For "29·905" read "29·909."

Page 96. Bahamas, 1852, Longitude :—

For "77° 22' W." read "77° 20' W."

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INTRODUCTION.

IN the year 1852 complete sets of meteorological instruments were supplied to the principal foreign stations of the Royal Engineers, together with a book of "Instructions for taking Meteorological Observations," which had been prepared by Captain (afterwards Major-General Sir Henry) James, R.E., F.R.S., &c., under the direction of General (afterwards Field Marshal) Sir J. F. Burgoyne, K.C.B., the Inspector-General of Fortifications. In accordance with these instructions a series of observations was commenced, which continued till March 1862.

They were taken twice daily, namely, at 9.30 a.m. and 3.30 p.m., and comprised on each occasion observations of the—

- Barometer,
- Dry-bulb thermometer,
- Wet-bulb thermometer,
- Wind (direction and force) by an anemometer, and
- Amount of cloud, together with the computed values of the
- Dew point,
- Vapour tension ; and, in the later years,
- Relative humidity.

There were besides these the daily record (taken at 9.30 a.m.) of—

- Maximum temperature in the sun,
- Maximum temperature in the shade,
- Maximum temperature of evaporation,
- Minimum temperature in the shade,
- Minimum temperature on the grass,
- Minimum temperature of evaporation,
- Rainfall in past 24 hours on the ground,
- Rainfall in past 24 hours at some distance (usually about 20 feet) above the ground,
- Maximum pressure of wind in past 24 hours,
- Amount of ozone, and
- Remarks on—
  - The daily weather,
  - The prevalent diseases,
  - The arrival of birds of passage,
  - The leafing of trees, &c.



In addition to these observations, hourly readings of the instruments were taken at all the stations on 21st March, 21st June, 21st September, and 21st December, and at certain stations these "Term Day" readings were taken on the 21st of each month.

The observations at 9.30 a.m., together with certain of the daily results, were regularly plotted in diagrams to show, in graphical form, the weather for a month.

The results for the year 1853-1854 were reduced under the direction of Colonel Sir H. James, F.R.S., and published in 1855 under the title "Abstracts from the Meteorological Observations taken at the Stations of the Royal Engineers in the year 1853-4." A second and larger volume, also edited by Sir Henry James, was issued in 1862, with the title "Abstracts from the Meteorological Observations taken at the Stations of the Royal Engineers in the years 1853-1859." And these observations, taken as they were in many different parts of the world by trained observers, with tested instruments, and on a uniform, complete, and carefully arranged plan, have proved of immense service to meteorologists.

In the introduction to the latter volume of "Abstracts," Sir H. James, writing in March 1862, says :—

"The importance of having correct information as to the climate of all the stations at which our troops are stationed is now so fully recognized that the Secretary of State for War has given orders for meteorological observations to be taken by all the medical officers in the Army wherever stationed, and, as the observations to be taken will be precisely of the same kind as those which have been taken at the Royal Engineer stations, and it is obviously unnecessary to have a double set of instruments and a double set of observers at each station, orders have been given, at my suggestion, for the transfer of all the instruments now in charge of the officers of the Royal Engineers to the senior officer of the Army Medical Department at the several stations, and this transfer will be made on the 31st of this month."

The transfer thus announced was duly made, and from April 1st 1862 to the present time, meteorological observations have been regularly taken by the Medical Staff of our Army, and while no observations were published for 1862 or 1863, from 1864 tables of monthly results have been included in the Annual Reports of the Army Medical Department.

In the year 1879 the whole of the original documents accumulated by the Royal Engineers, which had been stored at the Ordnance Survey Office, Southampton, were handed over to the custody of the Meteorological Council, to be used as required for the furtherance of meteorological science.

No discussion of these records was taken in hand until 1886, when the following extract from a paper by Dr. J. Hann of Vienna, published by him in the "Meteorologische Zeitschrift" for March 1886, was brought to the notice of the Meteorological Council :—

"We venture to address to the Meteorological Council in London a request which will certainly be supported by all our colleagues. The 'Abstracts of Meteorological Observations taken at the Stations of the Royal Engineers, 1853-59,' published by Sir H. James, are well known to be a rich source of information as to the meteorology of the tropical and sub-tropical regions, although they only cover six years, and the discussion of the records is not carried out in the detail which is looked for at the present time."



“ In March 1862 these stations were transferred to the Army Medical Department, and it appears that the observations were kept up at most of the stations until 1875 at least. The reports of the Army Medical Department give the results of these observations for some years in a short Appendix.”

“ I possess the reports for 1864-73, and I have frequently been able to extract valuable information from them.”

“ Unfortunately the publication of the meteorological results in this form, where they are only constructed as casual returns, is most defective and is not systematical. For many stations one or more years are wanting, and the stations then crop up again. In the year 1872 no Meteorological Appendix is given. The means are full of printer's errors. In short, it seems most desirable that this valuable store of observations, especially from stations for which hardly any other information for the period exists, should be worked up according to the modern requirements of the science, and then published. For several stations there ought to be 20 years records (1853-73). If we had for this period carefully reduced observations for such places as Barbados, Bermuda, the Bahamas, Jamaica, Hong-Kong, Gibraltar, Halifax, Quebec, St. John's, N.B., &c., the gain to meteorology in general would be great, and the information would be simply priceless for investigations of meteorological periodicity.”

“ We therefore, in the name of all our colleagues, address to the Meteorological Council the request that they will, if they find it at all possible, undertake the discussion of the records of the stations of the Royal Engineers and Army Medical Department.”

“ The Council has already gained the warm gratitude of meteorologists by collecting, carefully discussing, and publishing the meteorological observations from the Arctic Regions of America. A rich mine of information has been opened by this discussion, and its contents made accessible, or at least available, for calculations.”

“ We may perhaps hope that the store of information contained in the Royal Engineers and Army Medical Department records may be similarly placed within the reach of meteorologists.”

Before coming to a decision on the question thus submitted to them, the Council applied to the Army Medical Department for permission to use the data in its possession. This permission was readily accorded, and was accompanied by an offer to hand over, if desired, the whole of the original documents still existing in the Department. This offer was gladly accepted, and thus a large mass of original data being rendered accessible, it was decided by the Meteorological Council to proceed with the discussion and publication of such portions of it as related to foreign or colonial stations.

The present volume will be found to comprise observations belonging to the two offices mentioned above, made at 33 different stations for various years between 1852 and 1886, and in addition, there is included, by the courtesy of Surgeon General Robert Lawson, an abstract of the observations made by him at Sierra Leone in the years 1847-1851.

When the observations were first established, Sir H. James expressed the hope that some of the officers concerned would be found to take such an interest in the study of meteorology as to do more than the regulations demanded. This hope was

realised, and at several stations observations were taken at night (9.30 p.m. and 3.30 a.m.), and on additional "Term Days". At one of these stations—Mauritius—the series of night observations extended over nine years, and was so full and complete that it has been deemed well to publish the data with the day readings.

There is, however, no information for the period from April 1862 (when the observing duty was taken over by the Army Medical Department) to December 1863. No data were published for this period, and it is found that the original schedules of observations have been destroyed. For the two following years, 1864, 1865, only the printed abstracts exist, the sheets for these years having also been destroyed. In consequence it will be found that the tables for the years in question (1864, 1865), are not in identically the same form as those for the other years, the pressures and temperatures, for instance, being the means of the readings at 9 a.m. and 3 p.m., instead of the readings at the separate hours.

For the same reason it has not been possible to verify, by reference to the observer's figures, doubtful values in the results for these years.

The changes in method between the Royal Engineers and the Army Medical Department were but slight, the most important being a difference of 30 minutes in the times of observing (the hours for the Royal Engineers being 9.30 a.m. and 3.30 p.m., while the Army Medical Department observed at 9 a.m. and 3 p.m.), and the discontinuance of the "Term-day" observations. In other respects the two series are practically identical.

The observations having been already prepared for publication, as stated above, it has not been deemed necessary as a general rule, to repeat the computations involved in the returns.

In those cases, however, where the reduction or discussion appeared to be faulty, the working has been checked in the Meteorological Office. The whole of the figures have been carefully read over with the original documents, and, in addition, much time has been spent upon a careful and systematic revision of the observations, which has led to the detection of many errors.

In many instances the observations are not complete. At the Royal Engineer stations it seems to have been allowed to omit the readings on Sundays and public holidays, and this rule or permission was taken advantage of in many cases, though not in all. In addition there are the usual gaps owing to illness, absence of the observer, breakage of instruments, &c., &c. In all cases where the means are based on an incomplete series the fact is stated, and the number of missing observations is shown by small figures at the side of the readings. These incomplete means, however, have been used without question in obtaining the annual values.

It should further be noted that the mean temperature, is taken to be the mean of the maxima and minima of those days only on which they have both been observed. Thus, if the maxima for a month are complete, but the minima on four days are missing, the maxima for those days have been omitted also, when obtaining the mean maximum to combine with the mean minimum. The mean temperature in such a case would therefore be based on observations for 27 days only.

The monthly sums and means have been checked in a large number of cases, while the yearly totals and averages for all the stations have been obtained in the Meteorological Office.



The extremes of temperature and the maximum daily rainfall are printed in Egyptian type, while any values printed in *italics* must be taken as probable only.

The form in which the observations are printed in the present publication is that adopted by the Meteorological Congress at Rome in 1879 for international use, with some slight modifications, rendered necessary by the hours of observation.

The list of officers under whose supervision the observations have been taken is necessarily a long one, and since it was found to be inconvenient to print the names of the responsible officers with the Tables for the various years, the following statement has been prepared to supply that information.

It will be found that the stations are grouped in districts, beginning with North America and ending with Australasia.

District.	Station.	Years.	Observations taken by or under the Direction of
North America and North Atlantic.	New Westminster (British Columbia).	1860-1861 -	Capt. R. M. Parsons, R.E.
	Newfoundland	1852-1862 -	Col. W. Robinson, R.E. Captain J. G. Jervois, R.E. Captain E. Bridge, R.E. Captain M. H. Synge, R.E. Lt.-Col. G. C. Baillie, R.E. Captain T. A. L. Murray, R.E. Staff Surgeon L. O. Patterson. Assist. Surgeon A. Knox Rickards. Assist. Surgeon S. Robertson, M.D. Assist. Surgeon A. E. Bartlett.
		1865-1870 -	Lt.-Col. H. P. Wulff, R.E. Lt.-Col. W. T. Renwick, R.E. Col. W. C. Hadden, R.E. Lt.-Col. W. C. Menzies, R.E.
	Quebec	1853-1861 -	Apothecary H. L. Harvey. Apothecary F. Fernandez. Surgeon Major D. S. E. Bain. Assist. Surgeon J. H. Hunt. Surgeon Major S. McV. Lloyd, M.D. Assist. Surgeon J. S. Comyn. Surgeon Curtiss Martin. Surgeon Major H. Fowle Smith, M.D. Surgeon Thomas Park.
		1866-1870 -	Assist. Surgeon Chas. Spurway.
	Halifax	1852-1861 -	Lt.-Col. H. J. Savage, R.E. Col. R. J. Stotherd, R.E. Col. R. J. Nelson, R.E. Capt. R. N. Dawson, R.E. Lt.-Col. S. Westmacott, R.E. Captain F. E. B. Beaumont, R.E.
		1864-1875 -	Assist. Surgeon R. Collins, M.B. Assist. Surgeon H. S. Muir, M.D. Surgeon C. M. Douglas, M.D. Surgeon Major W. S. Oliver, M.D.
	Kingston, C. W.	1853-1861 -	Lt.-Col. Alex. Gordon, R.E. Professor J. Williamson, M.A., LL.D.
	Bermuda	1852-1862 -	Lt.-Col. C. C. Alexander, R.E. Lt. J. W. Greathore, R.E. Col. G. Phillpots, R.E. Col. M. Williams, R.E. Lt. R. Hawthorn, R.E. Capt. G. E. L. Walker, R.E. Lt.-Col. S. Freeth, R.E. Lt. R. M. F. Sandford, R.E. Col. E. T. Lloyd, R.E.



District.	Station.	Years.	Observations taken by or under the Direction of
North America and North Atlantic.	Bermuda	1866-1886 -	<p>Surgeon Major U. W. Evans, M.D.  Deputy Inspector General R. Bowen.  Deputy Surgeon General Vere Webb.  Deputy Surgeon General J. M. Grant, M.D.  Surgeon T. O'Reilly.  Deputy Surgeon General J. Sinclair.  Surgeon Major J. S. M'Cutchan, M.B.  Surgeon Major V. Wearne.  Surgeon C. Seymour, M.B.  Deputy Surgeon General T. O'Leary.  Deputy Surgeon General J. Ogilvy, M.D.  Surgeon Major G. Nicol Irvine, M.D.  Surgeon Major J. J. Crean.  Deputy Surgeon General L. Kidd, M.B.  Surgeon Major J. A. Campbell.  Deputy Surgeon General C. Graves Irwin, M.B.</p>
	Gibraltar	1852-1862 -  1864-1886 -	<p>Col. Rice Jones, R.E.  Lt.-Col. Cowper Rose, R.E.  Col. W. C. Ward, R.E.  Major-Gen. H. J. Savage, R.E.  Col. B. S. Stehelin, R.E.  Dep. Inspector-General W. Rutherford, M.D.  Surgeon Major R. Domenichetti, M.D.  Surgeon Major J. R. M. Lewis, M.D.  Dep. Surgeon General J. Bent.  Surgeon Major J. S. Holloway.  Surgeon General T. Graham Balfour.  Surgeon Major W. P. Ward.  Surgeon General H. G. Gordon, M.D.  Surgeon General W. Munro.  Surgeon T. W. Fox.  Surgeon D. A. Campbell Fraser.  Brigade Surgeon W. M. Webb.  Surgeon General A. Smith, M.D.  Brigade Surgeon S. Fuller.  Surgeon General A. H. Fraser.  Brigade Surgeon John Warren.</p>
Mediterranean	Malta	1852-1861 -  1865-1886 -	<p>Lt.-Col. F. R. Thomson, R.E.  Major H. Servante, R.E.  Lt.-Col. H. D. Harness, R.E.  Col. H. O. Crawley, R.E.  Capt. F. H. Rich, R.E.  Lt.-Col. R. M. Laffan, R.E.  Assist. Surgeon E. H. Roberts.  Apothecary John Andrews.  Inspector General J. Paynter.  Dep. Inspector General E. B. Tuson.  Surgeon General J. H. Ker Innes.  Surgeon Major J. Crerar.  Surgeon General J. Fraser.  Surgeon Major T. Teevan.  Surgeon General W. G. Watt.  Surgeon Major A. Morphew.  Brigade Surgeon E. L. Hiffernan.  Surgeon General W. A. Mackinnon.  Brigade Surgeon T. Tarrant.  Surgeon General J. E. Clutterbuck, M.D.  Surgeon General E. Franklyn, M.D.  Surgeon Major J. G. Davidge.  Brigade Surgeon W. Sly.  Surgeon General J. Sinclair.  Brigade Surgeon F. W. Moore.</p>
	Corfu	1852-1861 -	<p>Col. W. B. Tylden, R.E.  Capt. F. A. Yorke, R.E.  Capt. E. Ogle, R.E.</p>

District.	Station.	Years.	Observations taken by or under the Direction of
Mediterranean	Corfu	1852-1861	Col. L. A. Hall, R.E. Major T. B. Collinson, R.E. Col. G. Wynne, R.E.
Egypt and the Sudan.	Scutari	1865-1886	Serj. W. H. Lyne, R.E.
	Assouan	1885-1886	Brigade Surgeon E. C. Markey.
	Korosko	1885-1886	Surgeon Major J. W. O'M. Martin, M.B.
	Wady Halfa	1885-1886	Brigade Surgeon S. Archer.
West Indies	Bahamas	1852-1862	Capt. T. H. Rimington, R.E. Capt. R. H. G. Scott, R.A. Lt. E. N. Heygate, R.E. Capt. M. H. Syngé, R.E. Lt.-Col. E. F. Bouchier, R.E. W. Walsh.
		1864-1886	Assist. Surgeon R. G. Segrave. Assist. Surgeon C. S. Wills. Surgeon E. J. Hopwood. Assist. Surgeon T. Faris, M.B. Surgeon Major J. Jameson, M.D. Assist. Surgeon H. H. Stokes, M.B. Surgeon Major J. Henry. Surgeon Major J. Malcolm, M.D. Surgeon Major N. B. Major. Brigade Surgeon N. Ffolliott, M.D. Surgeon Major J. G. Adye Curran, M.B. Surgeon Major H. O. Brien.
	Jamaica (Up Park Camp).	1852-1861	Lt.-Col. P. Yule, R.E. Col. W. B. Marlow, R.E. Lt. E. O. Hewett, R.E. Col. H. Tucker, R.E. Lt.-Col. C. McCausland, R.E. Lt. B. C. Cochrane. Lt. J. T. Twigge, R.E.
		1864-1886	Surgeon John Dunlop. Surgeon J. M. Hyde. Assist. Surgeon G. F. Churchill, M.B. Assist. Surgeon A. W. Bate, M.D. Surgeon A. R. Smith. Assist. Surgeon S. E. Maunsell. Surgeon J. W. Halahan. Assist. Surgeon F. Pennington. Surgeon Major W. Hillman. Surgeon Major A. Knight Prescott. Surgeon J. A. Campbell. Surgeon Major J. H. Beath, M.D. Surgeon F. A. L'Estrange. Surgeon H. H. Burford. Surgeon J. J. Thompson. Surgeon Major D. Thornton. Surgeon Major J. A. Anderson. Surgeon J. H. Rhodes. Surgeon T. A. Dixon. Surgeon W. G. A. Bedford, M.B. Surgeon W. S. Heffernan. Surgeon Major H. W. Joynt, M.B. Surgeon M. D. O'Connell. Surgeon F. W. Reid.
	Jamaica (New castle).	1866-1886	Surgeon G. E. Gains. Surgeon P. J. Clarke. Surgeon R. Hungerford. Assist. Surgeon J. P. H. Boileau, M.B. Assist. Surgeon H. B. White. Assist. Surgeon F. Pennington. Surgeon S. H. Halahan. Surgeon Major J. A. Thornhill. Surgeon Major J. Hoysted.

District.	Station.	Years.	Observations taken by or under the Direction of
West Indies	Jamaica (Newcastle).	1866-1886 -	Surgeon Major H. W. Devlin. Surgeon Major A. Thomson, M.D. Surgeon Major R. Gillespie, M.D. Surgeon Major J. A. Campbell. Surgeon W. A. Parker. Surgeon Major D. Thornton. Surgeon Major J. A. Anderson. Surgeon W. G. A. Bedford, M.B. Surgeon W. S. Heffernan. Surgeon Major H. W. Joynt, M.B. Surgeon J. I. Purcell Doyle. Surgeon R. W. E. H. Nicholson.
	Honduras	1866-1870 -	Surgeon A. Hunter. Assist. Surgeon T. White, M.B. Assist. Surgeon E. Barrett Kearney.
	Barbados	1853-1862 -	Surgeon W. Hemphill. Col. C. Wright, R.E. Capt. C. G. Gray, R.E. Col. C. E. Ford, R.E. Capt. W. L. Morrison, R.E. Major F. Du Cane, R.E. Lt.-Col. C. Fanshawe, R.E.
		1865-1886 -	Dep. Surg. General R. K. Prendergast. Surgeon Major W. Poole. Dep. Inspector General J. Fraser. Assist. Surgeon F. W. L. Hodder. Surgeon P. H. E. Cross. Assist. Surgeon E. T. Palmer. Assistant Surgeon R. N. Mally. Surgeon C. C. Piper. Surgeon Major A. Humfreys. Dept. Surgeon General E. Gilborne. Surgeon Major W. S. Chapman. Surgeon H. H. Stokes. Surgeon J. Powell. Surgeon H. T. Chapman. Surgeon J. V. T. Malcolm. Surgeon Major J. S. MacAdam. Surgeon Major J. J. Chappell, M.D. Surgeon Major J. Doran, M.D. Surgeon H. A. H. Charlton. Surgeon Major E. McCrystal, M.D. Surgeon Major E. Ward. Surgeon Major E. F. Boulton. Surgeon Major E. Hoile, M.D. Surgeon Major W. C. Robinson. Surgeon Major H. T. Brown, M.D. Surgeon Major S. G. White, M.D.
West Coast of Africa and South Atlantic.	Bathurst	1869 -	Surgeon M. L. Burrows, M.D. Surgeon F. J. Short. Surgeon R. Waters, M.D. Surgeon J. R. Thomas.
	Sierra Leone	1847-1851 - 1874-1886 -	Surgeon General R. Lawson. Surgeon Major A. Johnston, M.D. Surgeon J. Conyers, M.D. Surgeon Major E. G. Ley, M.D. Surgeon Major J. Gray, F.R.C.S. Surgeon Major A. F. Elliot, M.D. Surgeon Major W. B. Davies, M.D. Surgeon Major J. Barry, M.D. Surgeon Major T. J. Orton. Surgeon Major T. W. Wright. Surgeon Major T. Hessian. Surgeon H. H. Johnstone, M.B. Surgeon C. G. D. Mosse.



District.	Station.	Years.	Observations taken by or under the Direction of							
West Coast of Africa and South Atlantic.	Sierra Leone -	1874-1886 -	Surgeon Major D. Parke. Surgeon J. H. Nicholas. Surgeon A. Hickman Morgan. Surgeon J. J. Lamprey. Surgeon J. Brodie, M.B. Surgeon R. E. Ricketts Morse. Surgeon H. Saunders. Surgeon Major J. McNamara. Surgeon Major Paul Connolly.							
	St. Helena -	1853-1862 -	Col. W. S. Stace, R.E. Col. A. Beatty, R.E.							
South Africa -	Natal -	1868-1886 -	Surgeon Major T. F. Wall. Surgeon W. Cattell. Surgeon R. Watson. Assist. Surgeon J. W. Maxham, M.D. Surgeon R. C. Lofthouse. Assist. Surgeon G. C. Irving. Assist. Surgeon H. Cornish. Assist. Surgeon C. B. Mathew. Surgeon W. Ramsay, F.R.C.S.I. Surgeon Major H. Vereker Bindon, M.D. Surgeon S. K. Cotter, M.D. Surgeon S. E. Maunsell. Surgeon Major J. Carlaw, M.D. Surgeon Major A. Crawford Robertson, M.D. Surgeon W. Johnston. Surgeon Major W. J. Ingham. Surgeon J. G. Leask. Surgeon Major H. Lamb. Surgeon Major T. Babington. Surgeon Major W. Elgee. Surgeon Major J. H. Ussher, M.B. Surgeon Major G. Rochfort Rac. Surgeon Major A. Thomson, M.D. Surgeon Major C. Healy.							
			Graham's Town	1853-1862 -	Major C. D. Robertson, R.E. Capt. E. Belfield, R.E. Capt. H. C. B. Moody, R.E. Major General D. Bolton, R.E. Major General A. Gordon, R.E. Col. W. T. Renwick, R.E.					
					Cape Town -	1867-1870 - 1870-1875 -	Surgeon J. V. Seddell, M.D. Dep. Inspector General J. M. Grant, M.D. Surgeon H. Vereker Bindon, M.D. Surgeon Major W. Leach. Dep. Surgeon General N. Heffernan, M.B.			
							Indian Ocean -	Trincomalee -	1865-1875 -	Surgeon C. M. M. Miller. Assist. Surgeon G. W. McNalty, M.D. Assist. Surgeon R. M. Gilchrist, M.D. Surgeon R. W. Meadows, M.D. Assist. Surgeon H. C. Gillespie, M.D. Surgeon G. L. Hinde. Assist. Surgeon O. S. Eagar. Assist. Surgeon C. B. Jennings. Surgeon Major A. Peile Cahill. Surgeon Major J. Goodwin. Surgeon D. B. Brown. Surgeon R. Keith, M.D.
					Kandy -	1866-1875 -				Assist. Surgeon W. R. Kinsey. Assist. Surgeon H. C. Gillespie, M.D. Assist. Surgeon T. Seward, M.D. Assist. Surgeon L. A. White. Assist. Surgeon W. S. M. Price. Surgeon C. M. Jessop. Assist. Surgeon H. H. Burford.

District.	Station.	Years.	Observations taken by or under the Direction of
Indian Ocean	Kandy	1866-1875	Surgeon J. Goodwin. Surgeon Major A. Peile Cahill. Surgeon Major T. Rudd, M.D. Surgeon G. Deane Bourke.
	Colombo	1852-1862	Col. J. Hawkshaw, R.E. Col. J. I. Hope, R.E. Col. C. E. Wilkinson, R.E. Capt. J. C. B. De Butts, R.E. Col. W. C. Hadden, R.E.
		1865-1875	Assist. Surgeon G. J. H. Evatt, M.D. Surgeon C. M. M. Miller. Surgeon S. S. Skipton, M.D. Surgeon A. R. Kilroy. Assist. Surgeon G. B. Monat, M.D. Assist. Surgeon A. Kirwan. Surgeon Major L. A. White.
	Newera Eliya	1866-1872	Assist. Surgeon H. A. Martin, M.D. Assist. Surgeon W. R. Kinsey. Assist. Surgeon T. Norton Hoysted. Assist. Surgeon R. N. Mally. Assist. Surgeon H. C. Gillespie, M.D. Assist. Surgeon H. Brown, M.D. Assist. Surgeon W. S. M. Price. Assist. Surgeon J. Waring Belcher, M.D. Assist. Surgeon J. Barry, M.D.
	Singapore	1871-1886	Surgeon A. F. Turner. Surgeon Major H. T. Meade. Surgeon T. J. Orton. Surgeon Major J. B. Baker. Surgeon Major R. McNab, M.D. Surgeon Major T. Moorhead, M.D. Surgeon Major W. Ferguson. Surgeon Major F. A. Turton. Surgeon Major W. O'Halloran. Surgeon Major Max Grant. Surgeon Major J. Stuart. Surgeon Major S. Archer. Surgeon J. Courtney Haslett, M.D. Surgeon W. O. Wolseley. Surgeon F. A. Harris. Surgeon W. A. Parker.
	Mauritius	1853-1861	Col. M. A. Waters, R.E. Capt. A. O'D. Grattan, R.E. Col. J. Twiss, R.E. Capt. O. H. Stokes, R.E. Capt. L. C. Barber, R.E. Col. G. H. Burgmann, R.E.
China	Hong Kong	1853-1862	Capt. W. E. D. Broughton, R.E. Capt. P. B. Whittingham, R.E. Capt. W. Cowper, R.E. Lt. W. J. Stuart, R.E. Lt.-Col. G. F. Mann, R.E. Lt.-Col. H. W. Lugard, R.E. Lt.-Col. G. Wynne, R.E. Lt. S. G. Bird, R.E. Capt. E. W. Malcolm, R.E. Capt. F. Brine, R.E.
		1865-1886	Assist. Surgeon A. R. Smith. Surgeon W. Leach. Assist. Surgeon S. K. Ray. Surgeon J. H. Robotham. Surgeon J. Waring Belcher, M.D. Surgeon W. J. Baker. Surgeon Major J. Murray, M.B. Surgeon A. H. L'Estrange.

District.	Station.	Years.	Observations taken by or under the Direction of
China - -	Hong Kong -	1865-1886 -	Surgeon Major D. C. McFall. Surgeon Major W. J. Wilson. Surgeon J. Barry, M.D. Surgeon Major J. A. Hanbury. Surgeon C. F. Pollock. Surgeon W. F. Samuels. Surgeon W. P. Bridges. Surgeon W. O. Wolseley. Surgeon Major J. Fitzmaurice. Surgeon T. F. W. Fogarty. Surgeon A. B. Cottell. Surgeon H. Bradford. Surgeon S. A. Crick. Surgeon J. R. Dodd, M.B. Surgeon W. Watson Pike. Surgeon F. A. Harris. Surgeon H. N. Thompson, M.B. Surgeon M. T. Yarr.
Australasia -	Fremantle -	1852-1859 -	Capt. H. Wray, R.E. Capt. Hon. J. J. Bury, R.E.
	Auckland -	1853-1862 -	Lt. Col. D. Bolton, R.E. Col. F. H. Baddeley, R.E. Col. T. R. Mould, R.E.
		1864-1869 -	Dep. Inspector General A. Gibb, M.D. Surgeon R. Watson. Surgeon J. E. Young, M.D. Assist. Surgeon R. B. Carson, M.B.

## PRESSURE.

The barometer readings have been corrected for index error, and reduced to 32° Fahrenheit, but not to mean sea level. The height given as that of the station above sea may be taken as that of the cistern of the barometer. No correction for gravity has been applied.

Both morning and afternoon readings are shown.

## TEMPERATURE.

In very few cases is the height of the thermometers above the ground stated. But it may safely be assumed that in nearly every instance, if not indeed in all, this height is about 4 feet according to the directions given on that point in Sir Henry James's "Instructions."

The original outfit of instruments included seven thermometers, namely, a standard which had been compared at Greenwich, three mercurial maximum, and three spirit minimum instruments. Directions were given that the six self-registering instruments should be compared with the standard, and the respective errors at different points noted. Whenever this was done, the proper corrections have been applied to the readings.

At a later period the instruments sent out to replace those broken, or to furnish new stations had Kew certificates, and in these cases the proper corrections have been applied to the readings.

In most cases the readings have been taken to tenths of degrees, but at some stations for certain years the same refinement was not practised, and the readings are only to whole degrees. In all cases the monthly means are given to tenths.



The mean temperature given is the mean of the maxima and minima on those days only on which both were observed, as explained at page iv.

Some doubt exists as to whether the maximum temperatures (which with the minima were always read in the morning) have been entered to the day on which they were made, or to the previous day in accordance with the more modern practice. It is impossible now to settle the point in an entirely satisfactory manner, and consequently the entries have all been taken as given on the sheets without question.

#### HYGROMETRY.

According to Sir H. James's "Instructions," Dr. Apjohn's formula was always to be employed in obtaining the hygrometrical values, although Glaisher's Tables were from the first supplied to all the stations, and appear in some cases to have been regularly used.

With the Royal Engineers, and in certain cases under the Army Medical Department, the daily values of vapour tension and relative humidity have been worked out. When this has been done, the monthly mean shown, is the mean of the daily values—and in these cases the mean per-centage of humidity has been carried to the first place of decimals. In certain of the earlier Royal Engineer returns the daily values of the dew-point were inserted instead of the vapour tension, and when this was done, the vapour tension corresponding to the mean dew-point has been taken.

In a large number of the returns, however, the daily values are not shown, and the values of vapour tension and relative humidity have been obtained in the Meteorological Office from the monthly means of the dry-bulb and wet-bulb thermometer readings by Glaisher's Tables, 5th edition. The values of humidity obtained in this way have been printed to whole numbers only.

#### CLOUD.

In cloud-amount the scale used was the usual one, namely:—

0 = clear sky, and  
10 = overcast.

#### RAINFALL.

The rule at the Royal Engineer stations was to have two rain-gauges, one "on the ground," the other at some distance (usually about 20 feet) above, and to enter the daily amounts from each. The rainfall collected in the lower gauge has been adopted in every case, except in those rare instances where this gauge was out of order. When the record of the upper gauge has been used a note to that effect will be found, giving also the height of the gauge above ground if that is known.

The remark made above with regard to the date of the maximum temperatures applies also to the rainfall entries. It is impossible now to say what rule was followed at the various stations in different years on this point, and therefore the entries have all been taken as belonging to the day on which they were entered. In counting the number of rainy days, those only where the fall amounted to or exceeded .005 inch have been included.

## WIND.

At all the Royal Engineer stations, and for several years subsequent to the Army Medical Department taking over the work, the wind-force was recorded by anemometers at first apparently of the nature of Osler's pressure plate (though not made or designed by Mr. Osler), such an instrument, by Barrow, being figured in the "Instructions," 1851. Small anemometers of the Robinson pattern were afterwards supplied. The results were expressed on the sheets in pressure per square foot, and force (Beaufort scale) with, later on, miles per hour. Owing probably to sluggishness, or to the protection afforded the anemometer by trees, &c., there is at some stations a remarkable preponderance of cases where the force is given 0,—in some instances the record for a whole month showing no wind-force.

In dealing with these the rule has been followed of taking all directions given as real directions, and to count as calms only those cases where either the word calm is inserted or where direction and force are alike zero. Care has been taken that the summaries where given are complete. In the case of missing observations probable wind directions have been inserted wherever possible. If this could not be done, the summary for the month has been omitted. But frequently with the Royal Engineer stations the summary given includes only the morning observations, a note to this effect being appended to the tables.

## WEATHER.

The number of days of rain is the number of days on which .005 inch or upwards was entered. Those of  $\mathbb{R}$ ,  $\blacktriangle$ , and  $\times$  are the numbers of days on which these phenomena were noted. It has not been possible to give the number of days of clear sky and overcast, nor of gales, and in many cases, especially with the earlier years of the Royal Engineers, the days of thunderstorm, snow, and hail were not recorded.

The whole of the calculations connected with the present publication have been carried out in the Meteorological Office by Mr. John A. Curtis, assisted by other members of the staff.

ROBERT H. SCOTT,  
Secretary to the Council.

3rd February 1890.

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# MONTHLY MEANS AND SUMMARIES.

The following table shows the Stations, returns from which will be found in the succeeding pages. The number of the page for each station is that on which the first return is printed.

District.	Station.	Page.
NORTH AMERICA AND NORTH ATLANTIC.	New Westminster (British Columbia) - - - - -	2
	Newfoundland - - - - -	2
	Quebec - - - - -	10
	Halifax - - - - -	16
	Kingston, C. W. - - - - -	26
	Bermuda - - - - -	30
MEDITERRANEAN - - -	Gibraltar - - - - -	46
	Malta - - - - -	64
	Corfu - - - - -	78
	Scutari - - - - -	84
EGYPT AND THE SOUDAN - - -	Assouan - - - - -	94
	Korosko - - - - -	94
	Wady Halfa - - - - -	96
WEST INDIES - - - - -	Bahamas (Nassau) - - - - -	96
	Jamaica (Up Park Camp) - - - - -	112
	„ (Newcastle) - - - - -	128
	Honduras (Belize) - - - - -	138
	Barbados - - - - -	142
WEST COAST OF AFRICA AND SOUTH ATLANTIC.	Bathurst - - - - -	158
	Sierra Leone - - - - -	158
	St. Helena - - - - -	166
SOUTH AFRICA - - - - -	Natal - - - - -	172
	Grahamstown - - - - -	182
	Capetown - - - - -	188
INDIAN OCEAN - - - - -	Trincomalee - - - - -	192
	Kandy - - - - -	196
	Colombo - - - - -	202
	Newera Eliya - - - - -	212
	Singapore - - - - -	216
	Mauritius - - - - -	224
CHINA - - - - -	Hong Kong - - - - -	234
AUSTRALASIA - - - - -	Fremantle - - - - -	250
	Auckland - - - - -	252

NEW WESTMINSTER (R.E.), BRITISH COLUMBIA. Long. 122° 53' W. Lat. 49° 13' N. Height above Mean Sea Level, 54 feet.

1860.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°	10th	°	—	in.	in.	in.	%	%	%
January -	30°014	30°010	34°4	36°9	—	27°2	—	19°8	10th	—	—	193	208	—	96°1	93°9	—
February -	30°054	30°008	37°9	41°4	—	29°4	—	23°0	23rd	—	—	216	222	—	94°0	85°4	—
March -	29°952	29°914	43°6	49°8	—	30°4	—	23°5	21st	—	—	234	237	—	82°7	67°6	—
April -	953	947	48°7	52°6	—	32°6	—	25°5	3rd	—	—	262	255	—	75°8	64°0	—
May -	913	896	54°5	59°0	—	36°7	—	26°5	6th	—	—	327	311	—	77°3	64°2	—
June -	919	899	—	—	—	43°9	—	39°0	10, 23	—	—	—	—	—	72°5	63°1	—
July -	973	952	63°8	69°1	—	46°3	—	40°0	14, 17	—	—	472	481	—	79°7	68°0	—
August -	926	901	66°7	72°6	—	47°4	—	41°3	7th	—	—	516	531	—	79°5	67°2	—
September -	959	952	58°2	62°0	—	42°7	—	34°5	26th	—	—	422	432	—	86°9	78°0	—
October -	29°888	29°886	51°5	54°5	—	38°9	—	30°0	20th	—	—	350	366	—	84°8	82°8	—
November -	30°014	30°003	42°0	44°1	—	31°0	—	22°0	22, 23	—	—	249	268	—	92°7	91°8	—
December -	29°895	29°882	34°9	37°7	—	25°0	—	15°5	11th	—	—	196	217	—	95°1	94°3	—
Year -	29°955	29°938	—	—	—	36°0	—	—	—	—	—	—	—	—	84°8	76°7	—

## NEW WESTMINSTER (R.E.).

1861.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30°020	30°005	33°2	35°4	—	—	—	—	—	—	—	182	191	—	90°9	89°9	—
February -	29°940	29°915	38°2	42°3	—	—	—	—	—	—	—	217	221	—	93°5	82°2	—
March -	993	982	42°6	47°5	—	—	—	—	—	—	—	238	231	—	86°6	70°9	—
April -	931	920	48°1	51°4	—	—	—	—	—	—	—	265	259	—	79°4	69°2	—
May -	949	932	53°6	57°7	—	—	—	—	—	—	—	311	313	—	76°2	66°4	—
June -	906	893	59°1	64°6	—	—	—	—	—	—	—	396	404	—	79°3	67°2	—
July -	984	974	64°8	68°9	—	—	—	—	—	—	—	438	427	—	73°6	60°9	—
August -	989	982	64°0	68°0	—	—	—	—	—	—	—	461	465	—	79°3	69°3	—
September -	29°991	29°966	59°9	64°4	—	—	—	—	—	—	—	440	448	—	84°9	74°5	—
October -	30°009	30°001	48°8	50°9	—	—	—	—	—	—	—	310	325	—	96°5	86°4	—
November -	29°755	29°730	39°1	40°6	—	—	—	—	—	—	—	232	230	—	95°1	93°1	—
December -	29°842	29°847	34°2	35°2	—	—	—	—	—	—	—	190	188	—	94°1	87°8	—
Year -	29°942	29°929	48°8	52°2	—	—	—	—	—	—	—	307	309	—	85°8	76°5	—

## NEWFOUNDLAND (R.E.). ST. JOHN'S.

Long. 52° 42' W. Lat. 47° 35' N. Height above Mean Sea Level, 125 feet.

1852.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	29°949	29°937	71°0	70°6	66°5	58°6	74°3	38°0	31st	85°0	4th	609	611	—	81°8	82°6	—
September -	871	860	58°2	57°4	57°2	49°5	64°9	42°0	3rd	74°5	5th	436	416	—	91°0	90°2	—
October -	796	746	44°9	45°6	44°5	36°7	52°3	24°0	21st	62°5	16, 26	279	284	—	94°5	94°0	—
November -	743	693	30°6	31°1	32°5	25°5	39°5	12°0	24th	50°5	4th	137	145	—	84°1	86°2	—
December -	29°698	29°671	25°2	25°2	26°0	18°7	33°2	5°0	15th	55°5	12th	117	113	—	89°3	87°0	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## NEWFOUNDLAND (R.E.).

1853.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29°713	29°673	24°0 <sup>2</sup>	25°9 <sup>1</sup>	24°0 <sup>2</sup>	18°4 <sup>2</sup>	29°6 <sup>2</sup>	3°0	13th	48°5	25th	125 <sup>2</sup>	131 <sup>1</sup>	—	95°2 <sup>2</sup>	95°2 <sup>1</sup>	—
February -	885	858	33°7	34°8	—	25°5	—	10°0	2nd	—	—	148	168	—	79°8	84°9	—
March -	471	487	29°8 <sup>1</sup>	30°3 <sup>2</sup>	—	23°3 <sup>2</sup>	—	7°0	12th	—	—	152 <sup>1</sup>	164 <sup>2</sup>	—	94°1 <sup>1</sup>	97°4 <sup>2</sup>	—
April -	787	767	38°2 <sup>1</sup>	39°7	—	27°5 <sup>1</sup>	—	12°0	20th	—	—	161 <sup>1</sup>	165	—	75°4 <sup>1</sup>	73°0	—
May -	783 <sup>2</sup>	725 <sup>1</sup>	54°3	54°6 <sup>1</sup>	—	37°8	—	22°0	3rd	—	—	330	339 <sup>1</sup>	—	80°9	86°2 <sup>1</sup>	—
June -	861	828 <sup>2</sup>	58°7 <sup>1</sup>	61°0 <sup>2</sup>	—	45°3 <sup>1</sup>	—	32°0	15th	—	—	319 <sup>1</sup>	355 <sup>2</sup>	—	66°3 <sup>1</sup>	69°0 <sup>2</sup>	—
July -	889	860 <sup>1</sup>	68°6	71°2 <sup>1</sup>	—	56°0	—	35°0	4th	—	—	516	518 <sup>1</sup>	—	76°1	70°9 <sup>1</sup>	—
August -	852	847 <sup>1</sup>	58°4	60°1 <sup>1</sup>	57°8	46°2	69°3	35°0	8, 13, 17	79°0	21st	415	412 <sup>1</sup>	—	85°9	80°4 <sup>1</sup>	—
September -	819	794 <sup>1</sup>	56°8	57°7 <sup>1</sup>	52°8	44°5	61°1	28°0	29th	77°0	24th	371	366 <sup>1</sup>	—	82°2	79°2 <sup>1</sup>	—
October -	29°780	29°66 <sup>1</sup>	49°4 <sup>1</sup>	50°6 <sup>1</sup>	48°5 <sup>1</sup>	42°1 <sup>1</sup>	54°8 <sup>1</sup>	30°0	23rd	65°0	26th	279 <sup>1</sup>	301 <sup>1</sup>	—	82°2 <sup>1</sup>	83°5 <sup>1</sup>	—
November -	30°024	29°69 <sup>1</sup>	34°5	36°2 <sup>5</sup>	34°2 <sup>3</sup>	25°7	42°2 <sup>3</sup>	4°8	28th	65°0	16th	158	177 <sup>5</sup>	—	83°1	85°2 <sup>5</sup>	—
December -	29°818 <sup>3</sup>	29°787 <sup>3</sup>	32°4	32°2 <sup>3</sup>	—	24°5 <sup>1</sup>	—	10°0	22nd	—	—	166	176 <sup>3</sup>	—	91°8	91°5 <sup>3</sup>	—
Year -	29°805	29°780	45°0	46°2	—	34°7	—	—	—	—	—	262	273	—	82°8	83°0	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



Thermometers, ? feet above ground. Rain-gauge, ? feet above ground.

NEW WESTMINSTER.

1860.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	9.0	8.5		ins. 9.498	ins. 2.030	14th	16							0	7	7	0	2	0	10	3	33
February -	7.9	8.1		6.652	1.710	20th	20							1	3	5	7	6	4	8	1	23
March -	6.5	6.2		4.561	1.140	8th	16							0	6	15	9	14	3	4	0	11
April -	6.7	6.7		2.750	.595	19th	12							0	1	10	2	20	7	1	2	17
May -	7.2	6.3		3.260	1.190	10th	15							0	3	5	15	17	9	3	0	10
June -	—	—		1.050	.450	19th	7							—	—	—	—	—	—	—	—	—
July -	6.4	4.8		2.440	.575	13th	10							0	1	3	6	31	0	0	0	21
August -	5.0	3.6		1.414	.675	3rd	6							1	2	5	18	26	1	0	3	6
September -	6.8	5.9		2.940	.860	30th	8							3	1	14	10	18	3	2	0	9
October -	8.2	7.1		3.785	.940	18th	12							2	4	9	13	6	3	2	1	22
November -	7.6	6.9		9.200	2.180	14th	17							0	1	4	8	9	10	5	0	23
December -	7.2	7.3		6.890	2.330	31st	12							1	10	7	1	0	4	6	4	29
Year -	—	—		54.440	—	—	151							—	—	—	—	—	—	—	—	—

NEW WESTMINSTER.

1861.				ins.	ins.																	
January -	7.7	7.6		7.190	1.000	1st	15							1	11	19	0	1	5	5	1	19
February -	8.6	7.5		5.485	.830	12th	18							0	4	14	5	4	3	6	1	19
March -	7.4	7.5		3.270	1.540	8th	11							0	8	18	7	8	3	4	0	14
April -	7.8	7.5		5.265	.900	7th	16							0	2	17	15	14	8	2	0	2
May -	7.3	5.6		4.575	1.575	27th	12							1	1	14	8	25	6	1	0	6
June -	6.7	5.8		4.770	.800	5th	15							0	1	9	6	27	4	0	0	13
July -	6.6	4.8		0.390	.320	23rd	3							0	1	11	5	22	10	1	0	12
August -	5.6	4.8		3.180	.925	30th	8							0	1	10	8	19	13	1	0	10
September -	4.2	4.3		1.075	.350	20th	6							1	2	9	5	18	9	0	0	16
October -	8.3	7.3		6.145	1.290	6th	16							0	1	20	12	5	4	4	0	16
November -	8.5	8.4		11.620	2.150	4th	23							0	4	21	10	1	4	6	4	10
December -	7.1	8.0		9.695	1.770	12th	20							0	8	14	6	3	1	8	1	21
Year -	7.2	6.6		62.660	—	—	163							3	44	176	87	147	70	38	7	158

Thermometers, ? feet above ground. Rain-gauge, ? feet above ground.

NEWFOUNDLAND.

1852.				ins.	ins.																	
January -																						
February -																						
March -																						
April -																						
May -																						
June -																						
July -																						
August -	5.6	5.9		3.360	.850	7th	11							4	1	5	3	4	9	4	1	0
September -	8.4	7.7		5.410	1.200	10th	18							4	8	4	2	1	2	5	4	0
October -	7.5	8.0		6.940	1.510	24th	19							12	3	0	2	3	4	2	5	0
November -	8.4	8.0		5.790	1.200	16th	20							4	7	1	4	1	3	7	3	0
December -	8.0	8.4		—	—	—	—							4	1	0	1	2	6	9	8	0
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

The wind summary for 1852 includes only the morning observations.

NEWFOUNDLAND.

1853.				ins.	ins.																	
January -	7.8	7.8		—	—	—	—							7	2	2	0	2	3	12	3	0
February -	7.6	8.0		—	—	—	—							6	0	2	7	3	4	4	2	0
March -	7.5	7.3		—	—	—	—							2	2	0	3	4	6	12	2	0
April -	6.8	6.4		—	—	—	—							6	1	1	2	2	8	8	2	0
May -	5.5	6.3		4.280	1.920	27th	13							1	1	0	0	1	10	14	4	0
June -	6.3	6.5		4.997	1.280	10th	10							4	1	1	2	2	10	8	2	0
July -	6.1	4.9		1.870	.690	29th	9							3	0	1	0	0	9	17	1	0
August -	6.1	6.4		4.240	1.250	2nd	11							3	2	3	4	3	3	8	5	0
September -	7.2	6.6		6.335	1.370	24th	19							5	3	3	4	3	1	6	5	0
October -	5.9	5.1		4.685	1.150	29th	15							0	0	0	5	2	10	5	9	0
November -	6.2	6.2		2.615	.865	25th	14							2	0	0	1	4	5	18	7	0
December -	7.6	7.8		10.718	2.500	30th	14							1	3	1	2	5	7	7	5	0
Year -	6.7	6.6		—	—	—	—							40	15	14	30	31	76	112	47	0

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.  
The wind summary for 1853 includes only the morning observations.



## OBSERVATIONS AT R.E. AND A.M.D. STATIONS.

NEWFOUNDLAND (R.E.). Long. 52° 42' W. Lat. 47° 35' N. Height above Mean Sea Level, 125 feet till April 30th, then 130 feet.

1854.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.	°	°	°	°	°	—	°	°	°	in.	in.	in.	%	%	%	
January -	29.700	29.709	20.0	22.4	22.2 <sup>1</sup>	14.5 <sup>1</sup>	29.9	— 6.0	26th	53.0	14th	.100	.110 <sup>1</sup>		95.5	95.2 <sup>1</sup>		
February -	.713	.676	21.3	25.3	23.7	16.1	31.3	— 3.0	5, 21	43.0	28th	.110	.131		97.2	96.8		
March -	.647	.601	25.6	29.7	26.9	20.0	33.7	10.0	3, 15	47.0	18th	.128	.154		94.8	94.8		
April -	.816	.767 <sup>1</sup>	32.9 <sup>1</sup>	35.7 <sup>2</sup>	31.3 <sup>3</sup>	24.1 <sup>3</sup>	39.0 <sup>1</sup>	6.0	1st	64.0	30th	.166 <sup>1</sup>	.171 <sup>2</sup>		88.1 <sup>1</sup>	84.1 <sup>2</sup>		
May -	.984	.955	51.6	54.7	50.9	42.4	59.4	28.0	15th	71.0	26th	.305	.318		82.7	76.6		
June -	.803	.772 <sup>1</sup>	54.1	54.7 <sup>1</sup>	53.3	45.1	61.5	36.0	20th	79.0	15th	.345	.353 <sup>1</sup>		84.3	84.3 <sup>1</sup>		
July -	.896	.857	64.0 <sup>3</sup>	66.2	62.3	52.2	72.3	39.0	1, 2, 23	84.0	19th	.482	.465		82.2	75.1		
August -	.762	.754 <sup>1</sup>	60.5	64.0 <sup>4</sup>	59.8	51.5	68.0	33.0	29th	82.0	12th	.431	.433 <sup>4</sup>		84.1	75.9 <sup>4</sup>		
September	.804	.779	52.1	56.0	51.5	43.8	59.2	34.0	2, 22, 25	70.0	29th	.324	.334		84.1	76.4		
October -	.909 <sup>1</sup>	.888 <sup>1</sup>	47.7 <sup>1</sup>	49.4 <sup>1</sup>	46.9 <sup>2</sup>	39.6 <sup>1</sup>	53.9 <sup>2</sup>	25.0	24th	65.0	14th	.285 <sup>1</sup>	.297 <sup>1</sup>		87.8 <sup>1</sup>	86.0 <sup>1</sup>		
November	.861	.830	45.6	46.0	43.8	36.9	50.7	22.0	30th	63.0	16th	.281	.276		92.3	90.4		
December	29.818	29.767	36.7	37.4	36.5	29.2	43.7	10.0	24th	60.0	17, 18	.199	.194		92.5	89.4		
Year -	29.809	29.780	42.7	45.1	42.4	34.6	50.2	—	—	—	—	.263	.270		88.8	85.4		

## NEWFOUNDLAND (R.E.).

1855.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.038	29.983	29.2	31.9	30.5	24.0	37.0	13.0	7, 10, 16	57.0	1st	—	—	—	—	—	—
February -	29.584	.586	26.3	28.9	27.8	20.9	34.7	2.0	8th	43.0	1st	—	—	—	—	—	—
March -	.589	.540	27.2	32.5	25.9	16.7	35.6	4.0	1st	50.0	13th	.165	.196		94.9	94.2	
April -	.835 <sup>1</sup>	.822	33.7 <sup>2</sup>	38.5	33.5	22.8	44.2	10.0	1st	54.0	18th	.207 <sup>2</sup>	.232		94.3 <sup>2</sup>	92.0	
May -	.751	.739	39.3	40.6	38.7	27.7	49.7	20.0	14th	67.0	21, 23, 24	—	—		—	—	—
June -	.868	.860	58.2	60.2	54.9	42.1	67.7	21.0	1st	80.0	28th	.412	.426		82.6	79.9	
July -	.941	.902	66.7	71.4	63.9	52.8	74.9	31.0	2nd	88.0	4th	.528	.545		78.3	69.7	
August -	.819	.769 <sup>1</sup>	61.8	63.5 <sup>1</sup>	58.2	46.8	69.6	31.0	9th	82.0	6th	.504	.520 <sup>1</sup>		89.2	87.5 <sup>1</sup>	
September	.786 <sup>3</sup>	.748 <sup>3</sup>	51.6	52.8 <sup>3</sup>	50.4	42.8	58.0	25.0	24th	69.0	7, 29	.360	.370 <sup>3</sup>		89.8	88.6 <sup>3</sup>	
October -	.993	.938	51.7	51.6	51.1	43.7	58.4	29.0	2, 20	68.0	10th	.378	.364		92.9	89.4	
November	.753	.740 <sup>1</sup>	37.9	37.7 <sup>1</sup>	38.2	30.0	46.3	16.0	26th	67.0	9th	.229	.223 <sup>1</sup>		88.5	87.6 <sup>1</sup>	
December	29.798	29.772	28.1	29.2	28.7	22.4	34.9	7.0	30th	52.0	1st	.168	.170		93.7	92.0	
Year -	29.813	29.783	42.6	44.9	41.8	32.7	50.9	—	—	—	—	—	—		—	—	

## NEWFOUNDLAND (R.E.).

1856.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.510	29.475	19.9	21.6	20.5	13.9	27.1	-7.0	14th	38.0	18th	—	—	in.	—	—	—
February -	.335	.323 <sup>1</sup>	23.5 <sup>1</sup>	25.0 <sup>1</sup>	23.4	16.6	30.2	3.0	11th	44.0	18th	.155 <sup>2</sup>	.160 <sup>1</sup>		99.0 <sup>2</sup>	97.6 <sup>1</sup>	
March -	.381	.333	26.5 <sup>1</sup>	29.5	26.0	18.0	34.0	4.0	13th	43.0	22nd	.160 <sup>1</sup>	.178		97.9 <sup>1</sup>	96.6	
April -	.797	.769	36.4	40.1	34.8 <sup>2</sup>	25.5 <sup>2</sup>	44.2	11.0	1st	56.0	25th	.204	.209		86.4	77.8	
May -	.746	.732	44.1	46.0	42.4	34.8	49.9	22.8	18th	74.0	31st	.253	.252		82.6	76.0	
June -	.838	.783 <sup>1</sup>	57.2	60.5 <sup>1</sup>	55.3	44.4	66.2	34.0	25th	80.0	17, 22	.375 <sup>1</sup>	.398 <sup>1</sup>		77.6 <sup>1</sup>	73.2 <sup>1</sup>	
July -	.819	.802	58.0	61.3	57.8	48.2	67.4	39.0	19th	82.0	8th	.426	.448		85.8	80.1	
August -	.893	.853	59.0	63.2	58.1	50.1	66.0	40.0	30th	85.0	4th	.444	.471		86.6	81.7	
September	.955	.933	58.8	60.7	57.0	47.6	66.3	37.0	3rd	77.0	15th	.428	.428		84.5	78.3	
October -	.743	.703 <sup>3</sup>	46.6	45.9 <sup>3</sup>	45.3	38.7	51.8	24.0	23rd	63.0	5th	.279	.265 <sup>3</sup>		82.3	80.6 <sup>3</sup>	
November	.689	.651	38.5	37.9 <sup>1</sup>	38.1	33.3	42.8	18.0	27th	59.0	6th	.238	.230 <sup>1</sup>		92.5	91.6 <sup>1</sup>	
December	29.553	29.522 <sup>2</sup>	32.0	31.9 <sup>2</sup>	31.4	27.5	35.3	15.0	18th	48.0	27th	.190	.188 <sup>2</sup>		93.7	89.9 <sup>2</sup>	
Year -	29.688	29.657	41.7	43.6	40.8	33.2	48.4	—	—	—	—	—	—		—	—	

## NEWFOUNDLAND (R.E.).

1857.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.750	29.722	29.4	29.9	29.3	23.7	34.9	5.0	27th	45.0	12, 21	.175	.167	in.	93.5	87.7	%
February -	.935	.917	26.4	28.9	26.0	17.7	34.2	-4.0	12th	60.0	10th	.166	.172		94.3	91.6	
March -	.700	.677	29.9	31.0	28.1	21.4	34.7	5.0	13th	46.0	4th	.180	.187		98.9	96.5	
April -	.919	.917	41.9	45.1	—	29.9	—	12.0	6th	—	—	.242	.269		84.3	83.9	
May -	.849 <sup>2</sup>	.822	50.0 <sup>2</sup>	55.5	—	—	—	—	—	—	—	.276 <sup>2</sup>	.305		72.0 <sup>2</sup>	67.0	
June -	.681 <sup>1</sup>	.666 <sup>1</sup>	54.8 <sup>1</sup>	55.6 <sup>1</sup>	—	42.1 <sup>3</sup>	—	32.0	12th	—	—	.342 <sup>1</sup>	.337 <sup>1</sup>		76.4 <sup>1</sup>	74.3 <sup>1</sup>	
July -	.869	.847	62.9 <sup>1</sup>	67.1	—	50.8	—	33.0	13th	—	—	.423 <sup>1</sup>	.436		71.1 <sup>1</sup>	65.1	
August -	.847	.815 <sup>1</sup>	63.3	66.2 <sup>1</sup>	59.9	51.0	68.8	43.0	1st, 2nd	77.0	10th	.451	.459 <sup>1</sup>		76.7	71.3 <sup>1</sup>	
September	.756	.722 <sup>1</sup>	54.4	57.4 <sup>1</sup>	51.8	45.0	58.6	31.0	26th	79.0	4th	.331	.330 <sup>1</sup>		74.9	67.5 <sup>1</sup>	
October -	.969 <sup>1</sup>	.930 <sup>1</sup>	46.0 <sup>1</sup>	47.2 <sup>1</sup>	44.4 <sup>5</sup>	37.8 <sup>5</sup>	50.9 <sup>5</sup>	21.0	24th	71.0	17th	.297 <sup>4</sup>	.281 <sup>4</sup>		88.7 <sup>4</sup>	80.6 <sup>4</sup>	
November	.828 <sup>1</sup>	.805 <sup>5</sup>	38.8 <sup>4</sup>	39.7 <sup>5</sup>	38.3 <sup>4</sup>	30.7 <sup>4</sup>	45.9 <sup>4</sup>	21.0	27, 30	57.0	11th	.237 <sup>4</sup>	.236 <sup>5</sup>		89.9 <sup>4</sup>	86.9 <sup>5</sup>	
December	29.695 <sup>1</sup>	29.681 <sup>5</sup>	26.7 <sup>4</sup>	29.3 <sup>5</sup>	27.3 <sup>4</sup>	20.7 <sup>4</sup>	33.8 <sup>4</sup>	0.0	31st	47.0	3rd	.145 <sup>4</sup>	.16.5		87.9 <sup>4</sup>	89.1 <sup>5</sup>	
Year -	29.817	29.794	43.7	46.1	—	—	—	—	—	—	—	.272	.279		84.1	80.1	

NOTE.—Smaller figures thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, 2 feet above ground.

## NEWFOUNDLAND.

1854.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.	—	—																
January -	7.0	6.5		—	—	—	—							2	2	0	1	0	5	13	8	0	
February -	7.5	7.3		—	—	—	—							4	2	1	3	3	7	6	2	0	
March -	6.6	7.1		2.250	.900	26th	4							4	1	1	3	4	7	6	5	0	
April -	7.7	7.5 <sup>1</sup>		3.430	1.080	8th	7							7	2	0	3	3	3	7	5	0	
May -	7.0	5.3		1.560	.450	6, 29	8							1	2	3	7	3	7	7	1	0	
June -	7.1	6.9 <sup>1</sup>		4.330	1.160	18th	13							2	4	4	3	4	6	3	4	0	
July -	7.5	6.6		4.620	1.630	19th	14							0	7	3	4	2	6	5	4	0	
August -	7.7	5.7 <sup>1</sup>		5.400	1.300	23rd	16							5	0	0	2	5	8	8	3	0	
September	6.1	5.3		3.940	.980	16th	13							5	2	0	1	4	7	6	5	0	
October -	7.8 <sup>1</sup>	7.2 <sup>1</sup>		6.390	1.130	2nd	14							4	3	1	2	4	9	3	5	0	
November	7.7	7.2		8.990	2.140	8th	16							3	1	1	5	1	9	9	1	0	
December	9.5	8.7		7.570	1.750	5th	18							4	2	0	1	3	9	9	3	0	
Year -	7.4	6.8		—	—	—	—							41	28	14	35	36	83	82	46	0	

The wind summary for 1854 includes only the morning observations.

## NEWFOUNDLAND.

1855.				ins.	ins.																	
January -	7.9	7.8		—	—	—	—							11	6	4	9	5	7	9	11	0
February -	8.5	9.0		—	—	—	—							9	14	3	1	1	6	10	12	0
March -	7.6	7.7		—	—	—	—							2	4	2	3	4	17	19	11	0
April -	8.1	7.0		—	—	—	—							5	5	4	5	6	19	9	7	0
May -	9.2	8.9		4.770	1.340	11th	15							3	15	4	10	2	15	9	4	0
June -	7.4	7.3		1.180	.250	16th	8							2	3	1	11	6	17	12	8	0
July -	6.5	5.1		1.660	1.340	14th	4							2	6	3	6	0	28	12	5	0
August -	7.5	7.5 <sup>1</sup>		3.510	2.080	11th	7							4	2	3	6	5	22	12	8	0
September -	8.2	8.4 <sup>3</sup>		5.250	2.020	3rd	16							3	12	3	4	3	11	11	13	0
October -	8.5	7.4		4.280	1.330	19th	15							2	6	2	15	6	12	14	5	0
November -	8.2	7.2 <sup>1</sup>		6.010	2.470	3rd	10							5	3	1	2	5	11	17	16	0
December -	7.4	6.4		—	—	—	—							2	0	4	4	7	12	22	11	0
Year -	7.9	7.5		—	—	—	—							50	76	34	76	50	177	156	111	0

## NEWFOUNDLAND.

1856.				ins.	ins.																	
January -	8.3	8.1		—	—	—	—							2	1	3	4	2	8	16	26	0
February -	7.2	8.2 <sup>1</sup>		—	—	—	—							3	1	0	5	3	21	19	6	0
March -	6.9	6.7		—	—	—	—							5	2	1	10	4	13	19	8	0
April -	5.7	6.0		—	—	—	—							8	4	1	2	4	19	16	6	0
May -	7.0	6.4		6.300	1.900	12th	14							16	1	3	6	8	8	11	9	0
June -	5.7	6.3 <sup>1</sup>		1.200	.520	18th	6							3	3	1	3	12	16	20	2	0
July -	7.8	7.3		4.540	2.500	17th	12							9	1	2	7	13	13	9	8	0
August -	7.9	6.9		5.510	1.470	21st	11							8	8	8	4	13	11	7	3	0
September -	6.9	5.7		4.720	1.550	23rd	12							7	3	6	9	14	6	8	7	0
October -	7.5	8.5 <sup>3</sup>		4.850	2.250	25th	15							18	2	3	9	4	11	11	4	0
November -	8.2	8.7 <sup>1</sup>		9.320	1.580	12th	19							10	12	2	4	0	15	7	10	0
December -	7.6	8.1 <sup>2</sup>		—	—	—	—							9	5	2	3	3	19	3	18	0
Year -	7.2	7.2		—	—	—	—							98	43	32	66	80	160	146	107	0

## NEWFOUNDLAND.

1857.				ins.	ins.																	
January -	8.8	8.0		—	—	—	—							6	11	2	4	5	9	8	17	0
February -	8.3	8.0		—	—	—	—							3	7	1	2	1	6	5	31	0
March -	8.3	8.2		—	—	—	—							5	6	2	8	2	13	3	23	0
April -	7.2	6.2		—	—	—	—							4	9	2	18	5	14	4	4	0
May -	6.0 <sup>2</sup>	5.2		2.110	.600	7th	8							2	6	7	7	17	4	16	3	0
June -	7.6 <sup>1</sup>	7.4 <sup>1</sup>		5.630	2.330	29th	16							3	11	1	20	2	6	6	11	0
July -	6.6	5.8		2.130	.930	23rd	11							2	11	2	4	2	23	9	9	0
August -	6.0	5.7 <sup>1</sup>		2.040	.400	26th	12							2	7	7	13	6	13	9	5	0
September -	6.1	5.7 <sup>1</sup>		7.410	2.600	17th	15							6	4	1	6	3	14	8	18	0
October -	7.5 <sup>4</sup>	6.9 <sup>4</sup>		4.490	1.210	22nd	14							—	—	—	—	—	—	—	—	—
November -	7.9 <sup>4</sup>	8.5 <sup>5</sup>		6.510	1.240	25th	13							—	—	—	—	—	—	—	—	—
December -	8.2 <sup>4</sup>	8.0 <sup>5</sup>		—	—	—	—							—	—	—	—	—	—	—	—	—
Year -	7.4	7.0		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## NEWFOUNDLAND (R.E.).

Long. 52° 42' W. Lat. 47° 35' N. Height above Mean Sea Level, 130 feet.

1858.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	29.734	29.721 <sup>5</sup>	24.7	23.6 <sup>5</sup>	23.0	14.5	31.5	-15.0	23rd	41.0	1st	.186	.140 <sup>5</sup>		86.9	91.2 <sup>5</sup>		
February -	.430 <sup>4</sup>	.433 <sup>4</sup>	21.1	24.2 <sup>5</sup>	19.1	11.3	26.9	0.0	12th	44.0	4th	.091	.102 <sup>6</sup>		65.0	65.5 <sup>6</sup>		
March -	.590	.562 <sup>4</sup>	33.1	33.0 <sup>4</sup>	31.6 <sup>1</sup>	26.3	36.6 <sup>1</sup>	16.0	14th	47.0	8th	.170	.180 <sup>4</sup>		80.9	85.4 <sup>1</sup>		
April -	.736 <sup>5</sup>	.726 <sup>5</sup>	37.6	39.6 <sup>5</sup>	36.9	29.4	44.3	17.0	5th	64.0	28th	.216	.231 <sup>5</sup>		87.5	86.1 <sup>5</sup>		
May -	.770 <sup>8</sup>	.723 <sup>8</sup>	42.6	42.1 <sup>8</sup>	40.4	32.9	47.8	27.0	13th	62.0	3rd	.235	.239 <sup>8</sup>		81.3	83.8 <sup>8</sup>		
June -	.822 <sup>3</sup>	.789 <sup>4</sup>	55.4 <sup>3</sup>	56.7 <sup>4</sup>	52.1 <sup>4</sup>	40.8 <sup>1</sup>	63.3 <sup>4</sup>	29.0	24th	78.0	9, 26	.358 <sup>3</sup>	.342 <sup>4</sup>		74.9 <sup>3</sup>	72.6 <sup>1</sup>		
July -	.805	.770 <sup>1</sup>	59.8	61.2 <sup>4</sup>	58.2	48.0	68.3	35.0	25th	84.0	28th	.431	.443 <sup>5</sup>		82.3	80.4 <sup>5</sup>		
August -	.960 <sup>1</sup>	.931 <sup>5</sup>	63.7 <sup>2</sup>	68.0 <sup>5</sup>	61.8 <sup>2</sup>	51.4 <sup>2</sup>	72.2 <sup>2</sup>	39.0	3rd	82.0	13, 17	.515 <sup>2</sup>	.534 <sup>5</sup>		82.1 <sup>2</sup>	78.9 <sup>5</sup>		
September	.946 <sup>1</sup>	.901 <sup>4</sup>	59.0 <sup>1</sup>	58.2 <sup>4</sup>	56.6 <sup>1</sup>	47.2 <sup>1</sup>	65.9 <sup>1</sup>	29.0	25th	80.0	6th	.442 <sup>1</sup>	.424 <sup>4</sup>		84.7 <sup>1</sup>	84.0 <sup>4</sup>		
October -	.795 <sup>1</sup>	.727 <sup>5</sup>	47.0 <sup>1</sup>	48.4 <sup>5</sup>	45.9 <sup>1</sup>	37.6 <sup>1</sup>	54.1 <sup>1</sup>	22.0	29th	69.0	21st	.297 <sup>1</sup>	.293 <sup>5</sup>		83.3 <sup>1</sup>	79.0 <sup>5</sup>		
November	.549	.508 <sup>5</sup>	35.2	35.5 <sup>5</sup>	34.4	30.3	38.5	20.0	18th	55.0	1st	.192	.194 <sup>5</sup>		84.7	84.6 <sup>5</sup>		
December	29.678 <sup>5</sup>	29.616 <sup>5</sup>	23.5 <sup>1</sup>	24.4 <sup>5</sup>	22.2	17.1	27.3	5.0	22nd	38.0	28th	.102 <sup>1</sup>	.099 <sup>5</sup>		75.2 <sup>1</sup>	70.9 <sup>5</sup>		
Year -	29.735	29.701	41.9	42.9	40.2	32.2	48.1	—	—	—	—	.270	.269		80.7	80.2		

## NEWFOUNDLAND (R.E.).

1859.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.027 <sup>5</sup>	30.021 <sup>5</sup>	23.5	22.5	21.0	12.5	29.4	-6.0	29th	55.0	22nd	—	—	—	86.0	78.0 <sup>4</sup>	
February -	29.798	29.789 <sup>1</sup>	20.0	22.7 <sup>4</sup>	19.8	13.5	26.1	-2.0	27th	43.0	5th	.093	.094 <sup>4</sup>	.093	65.1	60.5 <sup>4</sup>	
March -	.710	.695 <sup>4</sup>	28.4 <sup>1</sup>	30.6 <sup>4</sup>	30.2	26.0	34.3	-7.0	4th	44.0	15th	.105 <sup>1</sup>	.104 <sup>4</sup>	.105 <sup>1</sup>	92.8 <sup>4</sup>	86.3 <sup>2</sup>	
April -	29.408 <sup>5</sup>	29.391 <sup>5</sup>	36.0	38.6 <sup>5</sup>	36.4	30.6	42.1	25.0	1st, 2nd	58.0	27th	.202 <sup>4</sup>	.207 <sup>5</sup>	.202 <sup>4</sup>	75.8	71.1 <sup>5</sup>	
May -	30.040 <sup>5</sup>	30.009 <sup>5</sup>	49.9	53.5 <sup>5</sup>	49.8	40.3	59.3	26.0	12th	76.0	27, 31	.281	.307 <sup>5</sup>	.281	76.6 <sup>3</sup>	70.8 <sup>5</sup>	
June -	30.018 <sup>1</sup>	29.967 <sup>2</sup>	61.8 <sup>2</sup>	66.5 <sup>5</sup>	58.1 <sup>10</sup>	46.8 <sup>1</sup>	69.7 <sup>10</sup>	37.0	8th	81.0	6th	.432 <sup>3</sup>	.457 <sup>5</sup>	.432 <sup>3</sup>	82.8	75.6	
July -	29.823	.810	63.6	66.8	59.2 <sup>3</sup>	51.8	67.3 <sup>3</sup>	38.0	11th	78.5	9th	.488	.493	.488	78.2	70.6	
August -	.876	.846	60.5	72.5	65.4	55.6	75.1	41.0	16th	86.0	13th	.563	.562	.563	80.4	70.6 <sup>2</sup>	
September -	.862	.817 <sup>3</sup>	58.0	61.6 <sup>2</sup>	56.1	47.2	64.9	29.0	11th	75.0	14th	.403	.404 <sup>2</sup>	.403	84.3	80.8	
October -	.635	.631	44.7	45.5	43.7	37.9	49.5	27.0	14th	67.3	3rd	.235	.252	.235	82.5	81.5	
November -	.888	.864	31.6	32.8	31.5	24.7	38.2	14.5	30th	58.5	20th	.157	.163	.157	93.2	91.9	
December -	29.834	29.797	30.7	31.7	30.6	23.9	37.3	7.0	26th	55.8	10th	.170	.176	.170			
Year -	29.827	29.803	43.1	45.4	41.8	34.2	49.4	—	—	—	—	—	—		—	—	

## NEWFOUNDLAND (R.E.).

1860.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.682	29.676 <sup>1</sup>	24.9	26.1 <sup>1</sup>	24.7	16.9	32.5	-0.2	23rd	47.7	9th	.124	.130 <sup>1</sup>	.124	87	86 <sup>1</sup>	
February -	.781	.746	23.3	25.3	24.0	15.5	32.5	-11.7	3rd	46.2	2nd	.123	.124	.123	90	85	
March -	.784	.765	33.5	34.8	33.1	25.3	40.8	11.0	7th	50.0	22nd	.181	.175	.181	91	84	
April -	.576	.569	35.1	36.4	35.2	28.4	41.9	19.1	11th	64.1	3rd	.190	.195	.190	91	90	
May -	.789 <sup>1</sup>	.766	38.3 <sup>1</sup>	39.7 <sup>1</sup>	38.5 <sup>1</sup>	32.3 <sup>1</sup>	44.7 <sup>1</sup>	20.2	20th	59.8	12th	.219 <sup>1</sup>	.223 <sup>1</sup>	.219 <sup>1</sup>	95 <sup>1</sup>	91 <sup>1</sup>	
June -	.739	.726	53.1	55.8 <sup>1</sup>	53.0	44.3	61.6	33.0	1st	78.4	26th	.354	.355 <sup>1</sup>	.354	87	80 <sup>1</sup>	
July -	.784 <sup>3</sup>	.767 <sup>3</sup>	60.8 <sup>2</sup>	65.0 <sup>2</sup>	58.7 <sup>2</sup>	48.6 <sup>2</sup>	68.7 <sup>2</sup>	36.1	30th	80.0	18th	.423 <sup>2</sup>	.450 <sup>2</sup>	.423 <sup>2</sup>	79 <sup>2</sup>	73 <sup>2</sup>	
August -	.955	.934 <sup>1</sup>	65.0	66.3 <sup>1</sup>	64.1	55.4	72.8	38.4	18th	84.6	16th	.545	.545 <sup>1</sup>	.545	87	83 <sup>1</sup>	
September -	.871 <sup>1</sup>	.852 <sup>2</sup>	57.2 <sup>1</sup>	59.5 <sup>2</sup>	57.3	49.2	65.3	34.8	30th	74.8	3rd	.429 <sup>1</sup>	.426 <sup>2</sup>	.429 <sup>1</sup>	89 <sup>1</sup>	82 <sup>2</sup>	
October -	.899	.863	45.0	47.1	44.5 <sup>1</sup>	37.1 <sup>1</sup>	51.9	22.7	29th	64.3	17th	.290	.291	.290	92	87	
November -	.726	.726	40.2	40.5	40.0	35.3	44.7	18.9	28th	60.3	2nd	.248	.238	.248	94	91	
December -	29.693	29.655	29.4	30.1	29.0	23.9	34.1	8.5	11, 19	40.8	3rd	.159	.169	.159	93	97	
Year -	29.773	29.754	42.2	43.9	41.9	34.4	49.3	—	—	—	—	.274	.277		89.6	85.8	

## NEWFOUNDLAND (R.E.).

1861.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.658	29.628 <sup>1</sup>	23.2	24.3 <sup>1</sup>	—	17.1 <sup>1</sup>	—	5.3	4th	—	—	.096	.103 <sup>1</sup>	.096	70	71 <sup>1</sup>	
February -	.721	.703 <sup>1</sup>	27.0	28.0 <sup>1</sup>	—	18.4	—	-1.0	9th	—	—	.122	.111 <sup>1</sup>	.122	79	69 <sup>1</sup>	
March -	.806	.789	31.5	32.4	—	23.2	—	0.0	22nd	—	—	.145	.140	.145	79	70	
April -	.808	.772	35.3	37.8	33.6	26.9	40.2	6.3	13th	59.2	21st	.164	.162	.164	70	66	
May -	.740	.731	46.2	48.2	43.6	35.7	51.4	28.7	1st	63.5	31st	.219	.226	.219	70	66	
June -	.787	.761	55.8	60.3	54.1 <sup>1</sup>	44.6	63.3 <sup>1</sup>	21.4	3rd	78.3	13th	.297	.303	.297	66	58	
July -	.932	.906	70.1	73.1	66.6	56.6	76.6	45.5	1st	87.6	7th	.487	.476	.487	66	59	
August -	.791	.762	60.6	63.3	58.6	50.4	66.7	35.8	30th	83.7	4th	.398	.417	.398	74	69	
September -	.873	.828	58.1	60.8	55.3	47.4	63.1	36.8	9th	73.4	30th	.354	.361	.354	71	67	
October -	.949	.914	47.0	48.0	45.0 <sup>1</sup>	38.2	51.8 <sup>1</sup>	23.9	26th	66.0	14th	.229	.222	.229	69	65	
November -	.700	.665	41.7	41.8	41.7	38.8	44.6	28.5	29th	59.4	1st	.209	.204	.209	77	75	
December -	29.626	29.609	28.2	28.3	27.8	22.1	33.4	8.8	19, 22	46.9	1st	.105	.092	.105	61	54	
Year -	29.783	29.756	43.7	45.5	—	35.0	—	—	—	—	—	.235	.235		71.0	65.8	

NOTE.—Smaller figures thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, ? feet above ground.

NEWFOUNDLAND.

1858.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	7.1	7.6 <sup>5</sup>		ins.	ins.	—	—							3	1	1	2	0	8	4	12	0
February -	7.2	6.8 <sup>4</sup>		—	—	—	—							1	1	1	2	0	11	9	3	0
March -	8.5	8.5 <sup>4</sup>		—	—	—	—							1	5	1	7	3	10	2	2	0
April -	7.8	7.6 <sup>5</sup>		—	—	—	—							5	2	0	8	0	5	5	5	0
May -	7.1	7.5 <sup>8</sup>		6.260	1.380	26th	19							4	8	3	3	2	2	1	8	0
June -	6.0 <sup>3</sup>	6.6 <sup>1</sup>		2.080	1.000	4th	12							1	3	2	4	4	8	3	4	1
July -	6.9	5.6 <sup>4</sup>		2.560	.810	11th	12							0	7	2	3	0	8	5	3	3
August -	6.1 <sup>1</sup>	5.2 <sup>5</sup>		2.670	.910	7th	6							3	3	0	6	2	11	4	2	0
September -	7.4 <sup>1</sup>	6.5 <sup>4</sup>		3.540	2.010	23rd	11							0	9	0	5	1	5	3	7	0
October -	7.3 <sup>1</sup>	7.4 <sup>5</sup>		5.140	1.570	28th	13							1	8	0	3	0	11	4	4	0
November -	8.7	8.5 <sup>5</sup>		1.830	.320	22nd	13							5	4	0	1	0	9	2	9	0
December -	7.4	7.4 <sup>5</sup>		—	—	—	—							1	2	0	1	0	7	7	13	0
Year -	7.3	7.1		—	—	—	—							25	53	10	45	12	95	49	72	4

The wind summary for 1858 includes only the morning observations.

NEWFOUNDLAND.

1859.				ins.	ins.																	
January -	8.0	7.2 <sup>5</sup>		—	—	—	—							1	0	0	1	6	6	10	7	0
February -	7.9	6.5 <sup>4</sup>		—	—	—	—							7	0	0	2	2	4	8	5	0
March -	8.6	7.6 <sup>4</sup>		—	—	—	—							4	4	1	4	3	4	4	7	0
April -	8.5	7.1 <sup>5</sup>		—	—	—	—							6	1	2	3	2	1	10	5	0
May -	6.1	6.2 <sup>5</sup>		2.370	.920	21st	12							6	1	1	2	0	6	11	3	1
June -	5.7 <sup>1</sup>	5.4 <sup>2</sup>		3.370	1.380	22nd	11							2	4	1	6	4	8	3	2	0
July -	8.1	7.0		5.080	1.000	22nd	13							2	6	1	3	0	8	10	1	0
August -	5.9	6.4		3.900	1.300	23rd	10							3	2	0	2	0	10	13	1	0
September -	6.4	5.7 <sup>2</sup>		4.090	1.520	27th	13							3	0	1	0	4	5	12	5	0
October -	8.4	8.1		9.320	1.690	16th	25							3	2	1	3	1	5	9	7	0
November -	8.8	8.6		—	—	—	—							4	2	1	1	1	5	5	11	0
December -	9.0	8.9		—	—	—	—							7	3	0	3	1	7	6	4	0
Year -	7.6	7.1		—	—	—	—							48	25	9	30	24	69	101	58	1

The wind summary for 1859 includes only the morning observations.

NEWFOUNDLAND.

1860.				ins.	ins.																	
January -	8.0	8.7 <sup>1</sup>		—	—	—	—							2	2	0	4	1	17	12	24	0
February -	7.0	6.4		—	—	—	—							4	2	1	5	1	17	9	19	0
March -	6.1	6.9		—	—	—	—							3	5	0	8	3	31	7	5	0
April -	7.8	7.9		4.340	1.090	6th	14							7	7	0	10	2	12	6	16	0
May -	8.9	7.2		2.940	1.030	26th	17							16	26	1	10	0	0	1	8	0
June -	7.6	7.3		3.580	1.100	27th	15							1	5	1	19	6	13	9	5	1
July -	5.7 <sup>2</sup>	4.9 <sup>2</sup>		4.360	1.430	5th	14							0	4	1	7	5	28	9	8	0
August -	6.8	6.8 <sup>1</sup>		2.080	.710	26th	13							0	10	2	12	8	18	9	3	0
September -	7.3	5.6 <sup>2</sup>		5.960	1.380	10th	18							1	7	1	2	5	26	10	8	0
October -	7.1	6.4		6.560	2.550	7th	18							0	3	4	4	3	18	10	20	0
November -	8.1	8.4		12.990	1.740	8th	22							14	3	13	3	7	5	11	4	0
December -	7.5	7.5		—	—	—	—							16	2	6	3	2	1	24	8	0
Year -	7.3	7.0		—	—	—	—							64	76	30	87	43	186	117	128	1

NEWFOUNDLAND.

1861.				ins.	ins.																	
January -	8.3	8.4 <sup>1</sup>		—	—	—	—							16	3	2	1	3	3	20	14	0
February -	7.3	6.9 <sup>1</sup>		—	—	—	—							2	1	3	4	5	3	34	4	0
March -	7.9	7.5		—	—	—	—							18	5	5	3	7	5	12	7	0
April -	7.6	6.2		—	—	—	—							28	3	5	4	2	7	11	0	0
May -	7.0	7.1		3.950	.700	9th	14							14	2	5	4	14	1	18	4	0
June -	5.6	4.8		3.170	.990	17th	11							6	2	8	8	8	5	23	0	0
July -	6.3	5.0		2.510	.770	30th	13							1	1	5	7	12	6	28	0	2
August -	6.9	5.6		4.920	1.620	12th	18							17	2	4	3	1	5	24	2	4
September -	5.7	5.1		6.360	1.760	23rd	10							5	2	4	5	7	6	31	0	0
October -	7.4	6.4		3.610	.620	10th	16							10	4	4	7	6	3	24	4	0
November -	9.5	8.7		17.660	2.210	24th	24							13	9	12	10	2	7	4	1	2
December -	8.5	7.3		—	—	—	—							17	2	3	4	6	2	16	5	6
Year -	7.3	6.6		—	—	—	—							147	36	60	60	73	53	245	42	14

NOTE.—Smaller figures thus <sup>1</sup>, indicate the number of observations that are missing.



## NEWFOUNDLAND (R.E.).

Long. 52° 42' W. Lat. 47° 35' N. Height above Mean Sea Level, 130 feet.

1862.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins. 29.662	ins. 29.617	23.3	24.3	21.5	15.3	27.6	0.8	20, 21	44.0	13th	in. .086	in. .070	in.	% 61	% 44	% 	
February -	.537	.493	20.0	23.3	18.6	12.7	24.5	-5.0	22nd	39.8	28th	.082	.073		70	53		
March -	29.547	29.525	34.2	34.3 <sup>1</sup>	33.0	29.0	37.0	16.2	13th	45.6	26th	.152	.139 <sup>1</sup>		76	70 <sup>1</sup>		
April -																		
May -																		
June -																		
July -																		
August -																		
September -																		
October -																		
November -																		
December -																		
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

## NEWFOUNDLAND (A.M.D.).

1865.	9 a.m.   3 p.m.		9 a.m.   3 p.m.		°	°	°	°	°	°	°	9 a.m.   3 p.m.		in.	9 a.m.   3 p.m.	%	%
	ins.	ins.	°	°								in.	in.				
January -	29.545		26.3	25.8	17.9	33.6	4.2	—	53.6	—		.130			92		
February -	.686		29.7	27.3	20.7	33.8	9.1	—	43.0	—		.154			93		
March -	.872		31.2	28.0	21.2	36.5	10.1	—	47.0	—		.153			87		
April -	.884		38.2	36.3	27.6	45.0	17.5	—	64.1	—		.201			88		
May -	.927		50.6	47.6	35.2	59.9	20.4	—	76.2	—		.287			78		
June -	.858		54.6	51.3	38.3	64.3	25.7	—	83.0	—		.319			76		
July -	.825		61.6	58.9	46.8	71.0	38.0	—	81.2	—		.448			82		
August -	.840		65.3	62.0	51.6	72.4	38.0	—	86.0	—		.484			78		
September -	.799		53.1	49.7	39.9	59.5	25.4	—	72.0	—		.312			77		
October -	.530		46.7	42.6	34.3	50.8	22.5	—	72.0	—		.227			72		
November -	.835		36.3	34.6	27.9	41.2	14.0	—	56.0	—		.185			86		
December -	29.618		25.8	23.9	16.1	31.6	1.8	—	47.5	—		.116			83		
Year -	29.768		43.3	40.8	31.5	50.0	—	—	—	—		.251			82.7		

## NEWFOUNDLAND (A.M.D.).

1866.	ins.   ins.		°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
	ins.	ins.															
January -	29.723	29.685	21.3	24.7	20.1	11.0	29.1	-4.8	26th	42.8	11th	.089	.102		79	77	
February -	.987	.962	25.7	29.6	25.0	15.8	34.1	-4.0	8th	55.2	25th	.103	.126		74	78	
March -	.676	.627	29.4	31.6	27.5	19.0	35.9	2.0	21st	46.0	2nd	.138	.152		85	84	
April -	.721	.681	36.2	38.9	34.5	24.4	44.5	15.4	10th	59.4	23rd	.180	.182		84	84	
May -	.673	.662	44.2	48.9	42.8	31.8	53.8	23.0	9th	78.0	29th	.246	.288		85	83	
June -	.802	.769	54.7	59.1	52.7	40.7	64.7	26.7	5th	82.8	30th	.352	.397		85	76	
July -	.806	.788	62.0	66.3	61.0	50.2	71.8	34.0	17th	85.7	4th	.444	.461		80	74	
August -	.823	.812	60.6	61.7	58.9	48.2	69.6	42.0	13th	82.0	4th	.421	.431		80	78	
September -	.894	.848	57.6	59.3	55.6	44.6	66.6	26.5	25th	75.0	21st	.368	.351		77	69	
October -	.782	.776	45.0	45.5	45.5	35.6	55.4	16.0	28th	69.5	24th	.246	.239		82	83	
November -	.838	.817	37.0	38.4	36.0	26.4	45.5	15.4	30th	68.0	2nd	.194	.199		88	86	
December -	29.716	29.703	32.2	32.9	33.1	22.3	43.8	5.4	23rd	65.0	1st	.157	.156		88	87	
Year -	29.787	29.761	42.2	44.7	41.0	30.8	51.2	—	—	—	—	.245	.257		82.3	79.9	

## NEWFOUNDLAND (A.M.D.).

1867.	ins.   ins.		°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
	ins.	ins.															
January -	29.451	29.396	26.3	27.9	27.6	17.5	37.6	6.0	17, 19	50.0	22nd	.133	.129		81	83	
February -	.650	.600	27.8	30.5	28.1	15.7	40.5	0.5	24th	63.1	5th	.122	.147		80	83	
March -	.683	.622	28.4	32.1	28.5	16.7	40.2	4.5	7th	52.8	15th	.126	.153		81	83	
April -	.730	.692	34.8	37.1	34.5	23.6	45.3	13.9	16th	55.0	24th	.176	.188		86	85	
May -	.775	.767	46.1	47.7	45.1	31.5	58.7	24.0	8th	74.1	11th	.251	.256		81	80	
June -	.835	.821	53.8	54.5	50.9	35.2	66.6	23.0	26th	86.0	20th	.297	.280		72	66	
July -	.790	.772	60.5	63.5	59.5	44.3	74.7	32.4	9th	84.0	12th	.408	.384		77	65	
August -	.865	.833	67.6	70.6	64.0	49.1	78.9	37.0	8th	87.1	11th	.459	.469		69	64	
September -	.878	.816	57.9	60.0	54.6	41.0	68.2	27.8	19th	78.0	1st	.405	.453		87	88	
October -	.784	.746	46.4	48.2	48.6	35.5	61.7	24.6	27th	73.5	8th	.286	.306		93	87	
November -	.742	.713	38.6	38.7	41.2	27.7	54.6	13.0	22nd	62.1	13th	.207	.212		90	91	
December -	29.597	29.552	25.1	25.3	29.4	12.9	45.8	2.2	21st	51.6	3rd	.120	.114		89	88	
Year -	29.732	29.694	42.8	44.7	42.7	29.2	56.1	—	—	—	—	.249	.258		82.2	80.3	

NOTE.—Smaller figures thus <sup>1</sup>, indicate the number of observations that are missing.



Thermometers, 2 feet above ground. Rain-gauge, on, or near the ground.

NEWFOUNDLAND.

1862.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	6.5	6.1		ins.	ins.	—	—							18	2	1	2	5	4	24	6	0
February -	5.6	6.1 <sup>1</sup>		—	—	—	—							8	1	2	3	2	1	26	6	7
March -	8.8	7.2		—	—	—	—							31	6	4	2	5	1	6	4	3
April -																						
May -																						
June -																						
July -																						
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NEWFOUNDLAND.

1865.	9 a.m.	3 p.m.		ins.	ins.																	
January -	—	—		2.570	—	—	8							—	—	—	—	—	—	—	—	—
February -	—	—		3.450	—	—	10							16	—	—	—	—	—	16	—	5
March -	—	—		2.860	—	—	9							20	—	5	—	14	—	18	—	2
April -	7.5	—		2.860	—	—	14							12	—	8	—	21	—	18	—	1
May -	7.0	—		2.150	—	—	6							10	—	12	—	19	—	21	—	0
June -	6.0	—		0.920	—	—	8							15	—	5	—	17	—	21	—	2
July -	6.0	—		2.740	—	—	12							7	—	9	—	21	—	22	—	3
August -	5.5	—		1.340	—	—	7							11	—	6	—	19	—	25	—	1
September -	6.0	—		4.490	—	—	15							15	—	4	—	17	—	24	—	0
October -	7.0	—		5.850	—	—	14							2	—	5	—	16	—	37	—	2
November -	8.0	—		3.220	—	—	14							11	—	7	—	13	—	28	—	1
December -	8.5	—		2.000	—	—	4							16	—	5	—	10	—	30	—	1
Year -	—	—		34.450	—	—	121							—	—	—	—	—	—	—	—	—

NEWFOUNDLAND.

1866.				ins.	ins.																	
January -	8.1	7.6		—	—	—	—	2	0	0				6	3	3	2	3	10	18	8	9
February -	7.4	7.2		—	—	—	—	2	0	0				9	0	0	3	7	24	10	1	2
March -	7.8	7.5		—	—	—	—	2	0	0				12	9	3	3	9	13	9	3	1
April -	6.9	7.0		3.350	2.400	25th	7	1	0	0				11	4	5	6	6	9	15	2	2
May -	7.4	7.0		4.190	.800	11, 16	14	0	0	0				2	6	5	13	14	9	12	1	0
June -	6.3	5.9		1.180	.300	13th	8	0	0	0				12	4	3	2	5	25	7	1	1
July -	7.1	6.2		5.270	1.300	23rd	11	0	0	2				5	9	1	7	4	24	11	1	0
August -	6.5	5.3		7.950	1.600	19th	9	0	0	2				3	12	7	7	3	13	11	5	1
September -	5.5	5.8		6.090	3.100	9th	11	0	0	1				6	2	3	1	2	11	28	2	5
October -	7.1	7.7		—	—	—	—	2	0	1				25	1	2	0	11	5	13	4	1
November -	8.8	8.7		—	—	—	—	3	1	0				11	8	0	0	9	7	17	3	5
December -	8.7	8.9		—	—	—	—	4	0	0				11	0	2	1	3	12	21	6	6
Year -	7.3	7.1		—	—	—	—	16	1	6				113	58	34	45	76	162	172	37	33

NEWFOUNDLAND.

1867.				ins.	ins.																	
January -	9.0	8.8		—	—	—	—	3	0	0				3	9	6	4	1	5	19	10	5
February -	8.8	8.1		—	—	—	—	2	0	0				7	2	1	1	2	12	21	9	1
March -	8.3	7.4		—	—	—	—	3	1	0				22	0	2	0	9	4	14	9	2
April -	9.0	8.0		—	—	—	—	5	0	0				16	7	6	1	6	6	15	3	0
May -	6.8	6.8		3.340	1.000	18th	9	0	0	0				13	4	8	4	12	3	15	1	2
June -	6.4	6.6		1.210	.700	2nd	6	1	0	0				17	3	4	3	5	7	18	2	1
July -	6.8	6.0		1.630	.900	11th	4	0	0	0				6	3	6	5	9	8	24	1	0
August -	6.6	5.5		0.910	.350	5th	5	0	0	1				2	3	3	6	7	10	30	1	0
September -	7.2	6.7		3.190	1.220	27th	10	0	0	0				6	0	4	2	18	11	14	5	0
October -	8.1	8.0		6.870	2.300	2nd	13	2	0	2				2	7	3	2	10	9	19	10	0
November -	8.0	8.2		—	—	—	—	3	0	0				13	5	2	1	9	14	11	4	1
December -	9.0	8.6		—	—	—	—	10	0	0				5	4	5	1	10	0	29	5	3
Year -	7.8	7.4		—	—	—	—	29	1	3				112	47	50	30	98	89	229	60	15

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

## NEWFOUNDLAND (A.M.D.).

Long. 52° 42' W. Lat. 47° 35' N. Height above Mean Sea Level, 130 feet.

1868.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	29.510	29.486	22.2	22.8	22.2	9.2	35.2	- 6.0	1st	47.0	31st	.110	.118		93	86	
February -	.806	.770	20.2	21.7	18.7	4.1	33.3	-14.8	26th	45.0	22nd	.100	.101		87	89	
March -	.742	.722	30.5	30.6	27.8	16.2	39.4	- 2.0	30th	55.0	19th	.158	.153		93	90	
April -	.618	.608	36.6	35.8	33.1	20.4	45.7	12.5	7th	53.0	3, 17, 22	.180	.171		83	81	
May -	.803	.795	46.2	44.6	43.1	28.3	57.8	19.0	22nd	71.4	19th	.212	.215		68	73	
June -	.819	.791	53.5	54.1	51.7	38.1	65.2	28.0	4th	83.4	22nd	.300	.305		73	73	
July -	.854	.832	60.1	61.2	57.6	43.5	71.6	30.4	31st	85.2	6th	.384	.393		74	73	
August -	.846	.831	64.9	66.4	62.8	50.0	75.6	39.9	28th	85.0	11th	.501	.473		81	75	
September -	.924	.891	57.6	58.1	55.5	43.1	67.9	28.8	21st	74.8	1st	.363	.383		78	79	
October -	.852	.829	46.6	46.9	46.4	32.4	60.3	17.5	28th	71.2	1st	.240	.246		77	80	
November -	.563	.547	35.8	35.9	36.0	25.4	46.5	10.9	12th	56.0	7th	.193	.194		99	99	
December -	29.497	29.468	28.1	28.1	28.4	17.2	39.6	3.0	21st	46.2	25th	.129	.135		84	85	
Year -	29.736	29.714	41.9	42.2	40.3	27.3	53.2	—	—	—	—	.239	.241		82.5	81.9	

## NEWFOUNDLAND (A.M.D.).

1869.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.508	29.478	23.0	23.8	28.1	11.2	45.0	-10.0	23rd	59.2	12th	.094	.106		77	83	
February -	.627	.589	25.0	26.7	26.0	13.2	38.8	-12.3	11th	51.6	24th	.103	.117		77	81	
March -	.752	.726	31.4	32.5	31.1	18.2	44.0	-1.8	7th	47.2	13th	.157	.164		89	88	
April -	.508	.490	36.7	37.3	37.7	24.2	51.2	17.4	8th	60.3	23rd	.189	.192		87	87	
May -	.533	.516	44.3	46.9	45.1	30.4	59.8	25.0	9th	75.3	27th	.245	.245		84	78	
June -	.799	.770	52.7	56.6	53.5	37.6	69.4	24.9	4th	79.0	18th	.310	.311		78	68	
July -	.740	.706	57.3	61.1	57.6	43.5	71.6	30.4	4th	85.2	9th	.377	.393		80	73	
August -	.820	.800	63.0	67.7	62.0	51.6	72.4	38.0	18th	86.0	3rd	.468	.503		81	74	
September -	.891	.848	57.6	59.4	55.1	44.0	66.2	26.5	14th	75.0	13th	.359	.353		76	70	
October -	.852	.829	46.6	46.9	—	—	71.0	—	—	81.2	9th	.245	.254		78	80	
November -	.741	.714	38.5	38.6	41.5	28.4	54.6	13.0	25th	62.1	26th	.213	.211		92	91	
December -	29.682	29.669	32.2	32.9	33.0	22.3	43.7	5.4	28th	65.0	1st	.158	.158		86	84	
Year -	29.704	29.678	42.4	44.2	—	—	57.3	—	—	—	—	.243	.251		82.1	79.8	

## NEWFOUNDLAND (A.M.D.).

1870.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.723	29.685	21.2	24.7	25.8	17.9	33.6	4.2	25th	53.6	22nd	.085	.105		76	80	
February -	.615	.598	27.8	31.2	28.1	15.7	40.5	0.5	1st	63.1	5th	.122	.149		80	84	
March -	.676	.661	29.4	31.5	27.5	19.0	35.9	2.0	2nd	46.0	16th	.138	.154		85	86	
April -	.865	.863	36.2	38.9	34.5	24.4	44.5	15.4	16th	59.4	11th	.180	.195		85	84	
May -	.774	.762	46.1	47.4	45.1	31.5	58.7	24.0	30th	74.1	2nd	.251	.253		81	78	
June -	.879	.875	50.2	53.3	48.6	33.6	63.6	23.0	3rd	77.0	12th	.291	.318		81	78	
July -	.761	.781	67.0	71.6	61.2	44.5	77.8	34.2	20th	87.2	9th	.450	.452		68	58	
August -	29.755	29.726	63.0	64.6	59.8	45.8	73.8	33.1	30th	84.0	13, 14	.455	.465		79	77	
September -																	
October -																	
November -																	
December -																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## QUEBEC (R.E.).

Long. 71° 13' W. Lat. 46° 49' N. Height above Mean Sea Level, 230 feet.

1853.	9.30 a.m. ins.	3.30 p.m. ins.	9.30 a.m. °	3.30 p.m. °	°	°	°	°	°	°	°	9.30 a.m. in.	3.30 p.m. in.	in.	9.30 a.m. %	3.30 p.m. %	%
January -																	
February -																	
March -																	
April -																	
May* -	29.579	29.511	55.0	59.9	52.1	44.0	60.2	35.0	19th	86.0	31st	.302	.299		73.5	63.4	
June -	.671	.627	66.1	70.5	62.9	54.1	71.7	40.0	1st	93.0	17th	.436	.464		70.4	65.2	
July -	.641	.619	71.6	75.4	67.0	58.0	76.0	47.0	7th	91.0	26th	.520	.513		70.2	61.2	
August -	.634	.598	68.9	72.8	67.1	57.9	76.2	44.2	26th	87.0	17th	.505	.514		73.8	67.7	
September -	.703	.658	58.2	61.3	55.9	47.0	64.8	30.5	30th	87.0	20th	.373	.388		79.1	74.2	
October -	.606	.576	44.8	47.3	44.0	36.0	52.0	25.0	30th	62.0	17th	.245	.246		84.3	78.2	
November -	.915	.885	30.2	31.3	30.5	22.4	38.5	-2.0	25, 27	64.0	2nd	.156	.144		87.2	85.5	
December -	29.651	29.598	19.0	19.6	19.4	12.2	26.6	-11.0	20th	50.0	14th	.089	.094		93.9	95.7	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

\* In May 1853 observations did not commence at Quebec until the 11th.



Thermometers, 2 feet above ground. Rain-gauge, on, or near the ground.

NEWFOUNDLAND.

1868.	Amount of Cloud.			Rainfall			Weather, No. of Days of								Wind, No. of Observations of									
	a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	8.5	7.7		—	—	—	—	3	1	0				5	1	2	0	6	6	33	4	5		
February -	8.3	7.9		—	—	—	—	4	0	0				11	2	0	0	9	4	25	1	6		
March -	8.0	7.6		—	—	—	—	4	0	0				12	2	4	1	3	13	21	3	3		
April -	7.7	7.5		—	—	—	—	3	0	0				1	0	0	2	9	3	38	5	2		
May -	6.4	6.3		1.950	1.150	20th	5	0	0	0				11	4	6	7	3	4	23	3	1		
June -	7.4	7.2		5.450	1.350	24th	15	0	0	1				9	9	3	6	0	15	16	1	1		
July -	6.4	5.9		1.260	.500	26th	5	0	0	0				8	4	8	7	3	15	13	2	2		
August -	6.6	6.5		3.130	.750	13th	8	0	0	0				7	1	0	3	6	18	27	0	0		
September	7.8	7.5		5.460	2.780	7th	7	0	0	0				9	8	8	5	10	4	13	0	3		
October -	7.9	7.9		—	—	—	—	4	0	0				6	2	2	0	6	13	24	7	2		
November	8.6	8.5		6.620	1.580	13th	8	3	0	0				9	4	6	3	6	11	13	5	3		
December	8.8	9.0		—	—	—	—	5	0	0				14	2	3	2	4	2	25	7	3		
Year -	7.7	7.5		—	—	—	—	26	1	1				102	39	42	36	65	108	271	38	31		

NEWFOUNDLAND.

1869.				ins.	ins.																		
January -	8.7	8.6		—	—	—	—	10	0	0				5	4	4	0	0	7	33	4	5	
February -	9.1	8.5		—	—	—	—	9	1	0				10	1	2	1	5	11	13	7	6	
March -	8.0	8.1		—	—	—	—	3	1	0				6	4	3	0	9	9	26	2	3	
April -	8.0	8.1		—	—	—	—	10	0	0				17	6	8	2	7	7	12	1	0	
May -	7.5	7.5		6.060	1.570	1st	13	0	0	0				9	7	9	8	4	4	19	1	1	
June -	6.6	5.6		5.350	1.850	9th	9	0	0	0				5	3	5	6	7	12	15	3	4	
July -	6.2	6.0		3.460	1.100	2nd	9	0	0	0				7	1	0	4	8	14	23	3	2	
August -	6.2	5.1		6.680	1.600	27th	10	0	0	0				6	11	3	3	15	11	11	2	0	
September	5.6	6.0		7.370	4.200	13th	9	0	0	0				4	4	3	3	11	6	25	4	0	
October -	7.9	7.9		4.740	1.580	28th	8	0	0	0				7	6	7	2	15	10	8	5	2	
November	7.9	8.2		8.320	1.900	29th	14	2	0	0				13	3	0	0	17	9	10	7	1	
December	8.8	8.6		3.340	1.050	9th	9	1	0	0				6	3	1	1	6	16	17	9	3	
Year -	7.5	7.4		—	—	—	—	35	2	0				95	53	45	30	104	116	212	48	27	

NEWFOUNDLAND.

1870.				ins.	ins.																		
January -	8.1	7.6		—	—	—	—	3	0	0				6	3	5	3	2	10	18	6	9	
February -	8.8	8.1		—	—	—	—	3	0	0				6	3	3	2	3	12	21	5	1	
March -	7.8	7.5		—	—	—	—	1	0	0				11	13	1	4	10	11	10	3	1	
April -	6.9	7.0		—	—	—	—	6	2	2				13	9	5	4	6	8	10	5	0	
May -	6.8	6.8		0.780	.350	20th	4	0	0	1				8	9	7	8	7	4	15	2	2	
June -	8.5	7.3		2.570	1.230	22nd	9	1	0	0				20	6	5	4	4	7	11	3	0	
July -	5.3	6.9		0.650	.450	31st	2	0	0	0				4	0	1	5	6	16	29	1	0	
August -	7.2	6.2		3.170	1.000	31st	14	0	0	0				5	2	1	1	5	21	23	4	0	
September																							
October -																							
November																							
December																							
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	

Thermometers, 2 feet above ground. Rain-gauge, 2 feet above ground.

QUEBEC.

1853.	9.30 a.m.	3.30 p.m.		ins.	ins.																			
January -																								
February -																								
March -																								
April -																								
May* -	5.1	5.7		—	—	—	—																	
June -	5.5	4.6		4.745	1.075	7th	13			0	3	5	0	0	5	12	5	0						
July -	4.8	5.4		4.980	1.520	9th	10			1	3	0	0	2	3	20	2	0						
August -	5.7	5.2		7.060	2.200	14th	13			0	5	6	0	0	4	11	5	0						
September -	5.9	6.1		2.940	.610	7th	10			1	2	9	1	3	1	11	2	0						
October -	7.5	6.9		6.190	1.790	25th	13			0	2	1	0	1	2	15	10	0						
November -	7.6	7.7		—	—	—	—			1	0	13	1	1	0	9	5	0						
December -	7.8	7.1		—	—	—	—			1	4	7	1	0	2	14	2	0						
Year -	—	—		—	—	—	—			—	—	—	—	—	—	—	—	—						

\* In May 1853 observations did not commence at Quebec until the 11th.



## QUEBEC (R.E.).

Long. 71° 13' W. Lat. 46° 49' N. Height above Mean Sea Level, 230 feet.

1854.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.706	29.657	8.4	11.5	9.2	0.5	17.9	-20.0	25th	42.0	5th	—	—	—	—	—	—
February -	.769	.714	11.3	15.9	11.8	0.6	23.0	-24.0	6th	37.0	16th	.067	.086	—	93.0	96.0	—
March -	.590	.553	25.0	28.5	24.1	16.4	31.8	2.0	22nd	49.0	17th	.114	.145	—	84.0	93.0	—
April -	.732	.702	38.8	40.5	35.7	26.0	45.4	11.0	3rd	62.0	26, 27	.162	.184	—	74.0	76.1	—
May -	.660	.622	56.1	61.0	53.5	43.3	63.7	23.0	6th	76.0	25th	.284	.276	—	71.0	62.9	—
June -	.651	.613	63.6	67.5	61.5	52.0	71.0	40.0	1st	82.0	20th	.400	.430	—	70.9	67.4	—
July -	.697	.655	76.1	79.8	72.0	60.7	83.2	52.0	13th	96.0	18th	.560	.578	—	64.4	60.3	—
August -	.704	.659	67.9	72.0	64.9	53.8	75.9	46.0	17th	85.0	1, 14	.464	.511	—	70.1	66.7	—
September -	.776	.722	58.8	60.3	56.8	45.8	67.8	34.0	22, 30	82.0	1st	.357	.370	—	74.6	69.1	—
October -	.773	.717	49.5	50.6	48.9	39.5	58.2	30.0	19th	72.0	30th	.269	.282	—	78.3	78.4	—
November -	.545	.524	34.9	34.8	35.2	27.8	42.5	10.0	6th	65.0	2nd	.157	.170	—	83.0	86.8	—
December -	29.578	29.577	14.7	17.0	15.4	5.3	25.4	-22.0	23rd	38.0	18th	—	—	—	—	—	—
Year -	29.682	29.643	42.1	45.0	40.8	31.0	50.5	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations taken on Sundays from January 29th, 1854.

(No observations for the

## QUEBEC (R.E.).

1858.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -																	
February -																	
March -																	
April -																	
May -																	
June -																	
July* -	29.705	29.673	66.9	68.8	64.9	57.7	72.1	52.0	5, 12, 30	86.0	8th	48.3	51.1	—	73.7	73.1	—
August -	.739	.695	67.4	68.9	63.5	54.8	72.2	43.0	25th	85.0	19th	48.5	49.7	—	72.0	68.5	—
September -	.740	.695	61.1	63.7	57.7	49.6	65.7	31.0	25th	83.0	9th	42.4	44.6	—	75.0	72.3	—
October -	.756	.756	51.5	51.9	47.6	38.2	56.9	27.0	26th	70.0	1st, 20th	30.2	34.4	—	80.8	89.0	—
November -	.673	.644	31.6	31.4	29.8	23.2	36.4	9.0	15th	56.0	1st	16.4	16.4	—	78.6	81.0	—
December -	29.783	29.779	17.6	18.2	14.5	5.6	23.4	-9.0	13, 30	36.0	16th	10.6	10.5	—	86.7	69.5	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations taken on Sundays during 1858.

\* In July 1858 observations did not begin until the 5th.

## QUEBEC (R.E.).

1859.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.899	29.827	13.2	14.8	11.5	1.2	21.7	-38.0	10th	40.0	21st	.084	.102	—	81.4	89.3	—
February -	.739	.695	16.8	19.5	15.3	4.2	26.4	-15.0	14th	38.0	17, 21	.095	.107	—	82.7	82.3	—
March -	.696	.665	32.8	36.3	29.5	21.7	37.2	-10.0	2nd	49.0	29th	.166	.168	—	84.4	83.2	—
April -	.690	.642	42.2	43.8	36.5	27.3	45.7	11.0	5th	69.0	30th	.249	.280	—	82.0	81.7	—
May -	.915	.860	61.0	63.8	53.6	42.1	65.0	25.0	9th	86.0	27th	.491	.532	—	80.3	86.2	—
June -	.730	.693	64.9	68.3	60.9	51.1	70.6	34.0	11th	88.0	30th	.554	.602	—	86.7	84.1	—
July -	.763	.765	71.6	74.4	67.3	56.2	78.4	45.0	4th	90.0	13th	.511	.529	—	66.5	61.6	—
August -	.756	.758	71.5	74.1	68.8	59.3	78.3	45.0	31st	88.0	12th	.567	.610	—	74.1	71.9	—
September -	.801	.767	59.8	58.6	54.0	45.2	62.7	32.0	17th	79.0	20th	.341	.383	—	66.6	76.0	—
October -	.627	.588	43.6	43.9	42.4	33.8	51.0	22.0	26th	69.0	5th	.245	.248	—	76.7	79.1	—
November -	.886	.855	30.5	32.2	29.8	21.9	37.7	5.0	30th	56.0	19th	.165	.174	—	86.1	85.2	—
December -	29.808	29.777	16.2	15.9	12.7	3.3	22.1	-24.0	29th	44.0	8th	.101	.105	—	90.5	95.7	—
Year -	29.776	29.741	43.7	45.5	40.2	30.6	49.7	—	—	—	—	.297	.320	—	80.6	81.4	—

NOTE.—No observations taken on Sundays during 1859.

## QUEBEC (R.E.).

1860.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.730	29.733	13.2	14.0	14.2	3.5	24.9	-18.0	2nd	38.0	23rd	.091	.097	—	91.3	93.0	—
February -	—	—	17.0	18.0	15.0	4.0	26.0	-25.0	1st	43.0	23, 24	.110	.119	—	91.2	94.7	—
March -	—	—	33.0	34.0	30.0	21.0	39.0	2.0	5th	58.0	20th	.178	.188	—	82.0	85.4	—
April -	—	—	41.0	43.0	37.5	27.0	48.0	5.0	2nd	66.0	30th	.214	.230	—	76.9	77.2	—
May -	29.636	29.585	60.4	63.8	57.1	44.2	70.0	29.0	21st	80.0	14th	.385	.458	—	72.6	72.2	—
June -	.413	.386	64.0	65.0	63.0	55.0	71.0	50.0	11, 12	85.0	25, 26	.506	.494	—	81.9	78.9	—
July -	.486	.448	66.4	71.0	66.0	57.6	74.3	45.0	24, 28	85.0	9th	.596	.631	—	91.3	82.6	—
August -	.565	.547	69.0	72.0	67.0	57.0	77.0	46.0	14th	87.0	7, 8	.634	.704	—	88.4	91.3	—
September -	.589	.549	61.2	62.3	59.1	48.7	69.5	30.0	29th	81.0	17th	.454	.504	—	80.8	84.8	—
October -	.671	.659	47.0	50.2	46.4	37.9	54.9	31.0	1, 15	64.0	31st	.292	.330	—	85.9	86.8	—
November -	.589	.560	—	—	40.0	32.0	48.0	13.0	26th	71.0	1st	—	—	—	—	—	—
December -	29.667	29.627	—	—	18.4	10.2	26.5	-15.0	15th	45.0	4th	—	—	—	—	—	—
Year -	—	—	—	—	42.8	33.2	52.4	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations taken on Sundays during 1860.

Thermometers, 2 feet above ground. Rain-gauge, on, or near the ground.

QUEBEC.

1854.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	7.5	7.8		ins.	ins.	--	—							0	3	7	0	0	1	18	2	0	
February -	5.2	5.5		—	—	—	—																
March -	7.0	7.1		—	—	—	—																
April -	5.2	5.8		—	—	—	—																
May -	5.6	5.1		4.510	2.000	1st	10																
June -	4.2	6.1		5.200	2.190	9th	10																
July -	4.1	3.5		6.560	1.900	24th	13																
August -	5.3	5.8		2.610	.760	16th	10																
September -	6.9	6.0		3.890	1.300	19th	8																
October -	7.3	7.3		6.470	1.200	16th	11																
November -	8.0	8.3		6.380	1.800	13th	13																
December -	7.8	6.7		—	—	—	—																
Year -	6.2	6.3		—	—	—	—							—	—	—	—	—	—	—	—	—	

NOTE.—No observations taken on Sundays from January 29th, 1854.

years 1855, 1856, 1857.)

QUEBEC.

1858.				ins.	ins.																	
January -																						
February -																						
March -																						
April -																						
May -																						
June -																						
July* -	6.2	6.3		8.530	2.690	13th	—															
August -	4.9	5.8		6.820	1.060	30th	14															
September -	6.0	6.1		7.050	3.750	17th	15															
October -	4.3	3.4		1.710	.730	14th	7															
November -	8.2	7.8		—	—	—	—															
December -	7.2	7.3		—	—	—	—															
Year -	—	—		—	—	—	—															

\* In July 1858 the observations did not begin until the 5th.

NOTE.—No observations taken on Sundays during 1858.

QUEBEC.

1859.				ins.	ins.																	
January -	8.0	6.6		—	—	—	—															
February -	5.0	3.8		—	—	—	—															
March -	5.9	5.3		—	—	—	—															
April -	4.6	4.8		—	—	—	—															
May -	3.5	3.2		1.470	.600	23rd	5															
June -	6.5	6.0		6.260	1.630	15th	17															
July -	3.7	4.9		3.390	1.120	23rd	7															
August -	4.2	4.2		4.840	.900	5th	10															
September -	5.8	6.0		5.350	.800	5, 13	13															
October -	6.3	6.9		2.080	1.020	19th	6															
November -	8.7	8.7		—	—	—	—															
December -	7.1	5.9		—	—	—	—															
Year -	5.8	5.5		—	—	—	—															

NOTE.—No observations taken on Sundays during 1859.

QUEBEC.

1860.				ins.	ins.																	
January -	6.2	5.6		—	—	—	—															
February -	7.5	6.9		—	—	—	—															
March -	5.3	5.8		—	—	—	—															
April -	5.5	4.5		—	—	—	—															
May -	3.7	3.1		1.650	.760	21st	4															
June -	4.2	3.7		1.280	.510	29th	5															
July -	5.3	5.8		6.705	3.800	27th	11															
August -	5.7	4.7		7.530	2.610	25th	14															
September -	5.2	4.8		3.480	.870	26th	9															
October -	7.3	6.8		2.120	.570	27th	15															
November -	6.8	6.6		—	—	—	—															
December -	7.7	7.6		—	—	—	—															
Year -	5.9	5.5		—	—	—	—															

NOTE.—No observations taken on Sundays during 1860.



## QUEBEC (R.E.).

Long. 71° 13' W. Lat. 46° 49' N. Height above Mean Sea Level, 230 feet.

1861.	Pressure.		Air Temperature.								Tensor of Vapour.			Relative Humidity.			
	9.30 a.m.	9.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins. 29.717	ins. 29.664	° —	° —	11° 7	3° 2	20° 2	-26° 0	12th	38° 0	<sup>2</sup> <sub>2</sub> 30th	—	—	in. —	% —	% —	% —
February -	.611	.571	—	—	18° 2	8° 2	28° 1	-35° 0	8th	44° 0	28th	—	—	—	—	—	—
March -	.638	.592	—	—	22° 5	13° 1	31° 9	-14° 0	18th	47° 0	1st	—	—	—	—	—	—
April -	.667	.598	40° 3	39° 4	36° 4	28° 0	44° 8	12° 0	1st	53° 0	11, 26	.209	.222	83° 2	89° 2	—	—
May -	.493	.455	52° 1	54° 0	49° 8	40° 9	58° 6	22° 0	2nd	77° 0	25th	.303	.311	70° 3	69° 4	—	—
June -	29.527	29.467	66° 2	69° 0	62° 3	51° 8	72° 8	43° 0	5th	92° 0	12th	.414	.441	59° 8	61° 1	—	—
July -																	
August -																	
September -																	
October -																	
November -																	
December -																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations taken on Sundays during 1861.

## QUEBEC (A.M.D.).

1866.	9 a.m. ins.	3 p.m. ins.	9 a.m.	3 p.m.	°	°	°	°	°	°	°	9 a.m. in.	3 p.m. in.	in.	9 a.m. %	3 p.m. %	%
January -	29.894	29.832	5.4	13.7	9.1	-3.6	21.8	-28.8	7th	35.0	5th, 21st	.053	.074	—	97	92	—
February -	.827	.784	14.3	19.1	15.5	4.2	26.7	-18.2	7th	46.0	24th	.082	.095	—	90	93	—
March -	.694	.629	20.4	27.3	22.5	11.8	33.2	-6.0	20th	59.0	31st	.096	.133	—	88	92	—
April -	.676	.646	39.4	46.2	42.9	30.1	55.7	17.6	10th	70.0	18, 19, 20	.183	.225	—	79	78	—
May -	.498	.457	46.9	53.7	49.8	37.0	62.6	29.0	14th	79.0	8th	.237	.265	—	74	64	—
June -	.651	.583	62.2	65.8	62.8	50.3	75.2	33.5	1st	94.5	25th	.386	.410	—	70	65	—
July -	.675	.627	68.7	78.6	72.1	58.4	85.8	49.0	19th	93.5	7th	.511	.553	—	72	56	—
August -	.628	.559	61.0	66.0	62.7	52.0	73.3	43.0	23rd	88.0	12th	.410	.490	—	77	77	—
September -	.750 <sup>1</sup>	.662 <sup>1</sup>	54.6 <sup>1</sup>	60.6 <sup>1</sup>	57.4 <sup>1</sup>	45.2 <sup>1</sup>	69.6 <sup>1</sup>	32.0	23rd	83.0	4th	.330 <sup>1</sup>	.393 <sup>1</sup>	—	77 <sup>1</sup>	74 <sup>1</sup>	—
October -	.922 <sup>6</sup>	.871 <sup>6</sup>	42.4 <sup>6</sup>	46.8 <sup>6</sup>	45.1 <sup>6</sup>	33.4 <sup>6</sup>	56.8 <sup>6</sup>	20.0	26th	83.0	3rd	.208 <sup>6</sup>	.225 <sup>6</sup>	—	78 <sup>6</sup>	71 <sup>6</sup>	—
November -	.716	.688	33.9	36.3	34.3	27.0	41.5	17.0	24, 26	68.5	1st	.170	.175	—	86	83	—
December -	29.732	29.703	20.6	22.5	20.4	11.0	29.8	-14.0	21, 22	44.5	28th	.090	.081	—	73	68	—
Year -	29.722	29.670	39.2	44.7	41.2	29.7	52.7	—	—	—	—	.230	.260	—	80.1	76.1	—

## QUEBEC (A.M.D.).

1867.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.591	29.564	9.4	11.7	9.8	-0.1	19.6	-19.0	30th	44.0	23rd	—	—	—	—	—	—
February -	.774	.721	15.8	21.9	17.4	2.4	32.3	-11.0	20, 21	52.0	8th	—	—	—	—	—	—
March -	.833	.754	23.0	27.6	24.2	12.6	35.8	-12.0	3rd	51.0	31st	—	—	—	—	—	—
April -	.627	.574	35.2	38.6	36.2	26.1	46.3	9.0	14th	61.0	29th	.183	.188	—	90	82	—
May -	.597	.574	45.9	50.0	46.7	37.0	56.4	21.0	3rd	75.0	24th	.243	.292	—	80	81	—
June -	.737	.699	63.0	71.5	65.9	51.1	80.6	42.0	1st, 5th	91.0	11th	.387	.454	—	67	58	—
July -	.627	.598	67.0	77.5	70.4	56.4	84.3	47.0	13th	90.0	9, 15, 23	.483	.584	—	73	62	—
August -	.691	.645	68.7	77.8	70.9	56.6	85.1	40.0	31st	96.5	9th	.500	.568	—	71	60	—
September -	.790	.707	54.8	62.3	58.0	43.8	72.1	31.0	16th	91.0	6th	.336	.393	—	78	70	—
October -	.789	.738	43.4	49.8	44.2	33.7	54.6	27.0	4th, 9th	69.0	19th	.230	.258	—	81	72	—
November -	.674	.638	29.8	31.6	29.2	22.1	36.3	8.0	20th	57.0	4th	.120	.130	—	73	71	—
December -	29.814	29.758	4.0	8.7	7.3	-4.6	19.1	-22.0	9, 12	37.5	26th	.043	.051	—	83	81	—
Year -	29.712	29.664	38.3	44.1	40.0	28.1	51.9	—	—	—	—	—	—	—	—	—	—

## QUEBEC (A.M.D.).

1868.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.721	29.685	6.7	12.8	10.6	-0.7	21.9	-20.0	26th	38.2	22nd	.046	.063	—	78	82	—
February -	.874	.800	3.9	17.1	9.4	-4.8	23.6	-22.0	11th	41.5	20th	.021	.038	—	40	40	—
March -	.778	.712	25.4	34.8	28.2	16.7	39.7	-21.8	2nd	59.0	31st	.062	.140	—	45	69	—
April -	.695	.633	30.7	40.1	32.6	20.2	44.9	2.0	6th	66.2	21st	.086	.154	—	50	59	—
May -	.724	.659	48.9	57.6	49.8	39.2	60.3	23.2	1st	88.0	28th	.258	.292	—	77	61	—
June -	.734	.679	64.3	74.8	65.7	52.6	78.8	41.1	2nd	93.2	18th	.401	.444	—	66	51	—
July -	.721	.661	71.5	82.6	73.2	61.1	85.2	47.8	27th	97.7	4th	.558	.596	—	72	53	—
August -	.731	.688	64.0	73.3	65.8	55.7	75.9	47.3	27th	87.5	7th	.459	.509	—	77	62	—
September -	.809	.742	52.8	60.0	54.5	46.6	62.4	34.0	17, 22	76.6	11th	.329	.366	—	82	70	—
October -	.880	.824	39.0	44.5	40.4	32.3	48.5	17.8	30th	65.0	8th	.179	.197	—	75	67	—
November -	.763	.724	27.5	30.2	28.1	23.2	33.0	5.5	28th	48.6	1st	.078	.115	—	53	68	—
December -	29.673	29.648	12.1	15.6	13.4	7.6	19.1	-12.0	25th	31.0	7th	.048	.057	—	64	65	—
Year -	29.759	29.705	37.2	45.3	39.3	29.1	49.4	—	—	—	—	.210	.248	—	64.9	62.3	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on, or near the ground.

QUEBEC.

1861.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.		S.W.	W.	N.W.	Calm.
January -	7.2	7.2		ins.	ins.	—	—															
February -	6.5	7.5		—	—	—	—															
March -	5.6	5.3		—	—	—	—															
April -	4.5	5.1		3.470	1.200	15th	5															
May -	5.3	5.0		6.760	1.550	1st	10															
June -	4.8	4.6		3.430	1.020	4th	10															
July -																						
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—															

NOTE.—No observations taken on Sundays during 1861.

QUEBEC.

1866.	9 a.m.	3 p.m.		ins.	ins.																	
January -	5.4	6.0		—	—	—	—	9	0	0				0	7	10	2	0	15	6	22	0
February -	6.7	7.3		—	—	—	—	11	0	0				3	4	17	5	0	2	5	20	0
March -	6.8	8.0		—	—	—	—	10	1	0				3	1	18	7	1	3	10	19	0
April -	6.2	6.8		2.390	.750	24th	9	2	0	0				5	2	19	9	1	6	6	12	0
May -	6.6	6.6		5.100	1.310	14th	14	2	1	0				5	5	8	6	2	5	5	26	0
June -	6.4	5.8		4.590	1.050	18th	14	0	0	3				6	1	10	12	0	7	11	13	0
July -	4.8	6.0		4.560	1.210	5th	12	0	1	11				6	5	9	4	0	5	12	21	0
August -	6.7	6.9		5.520	.950	15th	17	0	0	3				3	4	6	8	0	10	15	16	0
September -	7.1 <sup>1</sup>	7.0 <sup>1</sup>		6.590	1.000	22nd	15	0	0	2				—	—	—	—	—	—	—	—	—
October -	5.2 <sup>6</sup>	5.5 <sup>6</sup>		1.870	—	—	—	3	0	0				—	—	—	—	—	—	—	—	—
November	8.5	8.4		—	—	—	—	9	0	0				4	1	20	2	0	12	10	11	0
December	7.9	7.7		—	—	—	—	14	0	0				6	2	6	4	1	9	17	17	0
Year -	6.5	6.8		—	—	—	—	60	3	19				—	—	—	—	—	—	—	—	—

QUEBEC.

1867.				ins.	ins.																	
January -	7.1	7.0		—	—	—	14	14	0	0				4	4	11	3	0	5	23	12	0
February -	6.6	5.6		—	—	—	9	9	0	0				8	3	11	0	2	4	19	9	0
March -	5.9	5.4		—	—	—	8	8	0	0				4	4	13	11	0	3	17	10	0
April -	6.9	6.9		5.070	1.280	21st	15	7	0	0				7	5	10	4	2	9	11	12	0
May -	7.6	7.7		5.980	1.300	1st	18	0	0	0				5	0	30	6	1	4	8	8	0
June -	4.8	5.5		4.190	.820	4th	13	0	0	5				6	5	6	11	2	4	15	11	0
July -	4.6	6.3		5.690	1.260	26th	10	0	0	4				5	6	11	8	0	7	14	11	0
August -	4.9	5.4		3.350	1.200	29th	7	0	0	4				5	5	6	4	2	13	13	14	0
September	5.4	6.2		4.040	1.050	2nd	11	0	0	2				6	8	14	4	0	6	9	13	0
October -	6.8	5.9		2.600	1.250	6th	9	0	1	1				2	5	7	11	0	11	13	13	0
November	7.3	8.5		2.160	.750	3rd	14	8	1	0				3	1	6	14	0	7	13	16	0
December	6.0	5.9		—	—	—	16	16	0	0				1	3	13	1	0	5	14	25	0
Year -	6.2	6.4		—	—	—	144	62	2	16				56	49	138	77	9	78	169	154	0

QUEBEC.

1868.				ins.	ins.																	
January -	6.0	6.1		—	—	—	13	13	0	0				1	0	15	2	0	3	20	14	7
February -	5.6	4.9		—	—	—	11	11	0	0				4	2	10	1	0	6	21	13	1
March -	5.3	5.5		—	—	—	6	6	1	0				1	6	12	2	0	8	18	11	4
April	5.2	5.4		—	—	—	13	11	0	1				4	2	10	1	11	4	15	23	0
May -	7.0	7.0		4.010	.650	7th	19	1	1	1				2	7	35	3	2	4	4	4	1
June -	5.6	5.9		1.990	.700	6th	7	0	0	3				3	8	15	2	1	13	13	5	0
July -	5.0	4.5		4.060	2.400	22nd	9	0	0	7				7	5	16	7	3	9	7	8	0
August -	5.5	6.0		5.160	2.270	1st	15	0	0	7				3	7	9	7	1	6	15	14	0
September	7.3	7.2		6.390	1.300	13th	19	1	0	1				0	2	19	8	2	6	11	12	0
October -	6.7	7.3		—	—	—	14	6	1	0				6	4	14	2	1	9	8	18	0
November	8.1	7.7		—	—	—	17	17	0	0				6	0	19	4	0	3	14	14	0
December	8.2	7.5		—	—	—	18	18	0	0				2	3	10	5	0	4	14	24	0
Year -	6.3	6.3		—	—	—	161	84	3	20				39	46	184	44	11	75	160	160	13

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## QUEBEC (A.M.D.).

Long. 71° 13' W. Lat. 46° 49' N. Height above Mean Sea Level, 230 feet.

1869.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.686	29.621	13.7	19.3	16.5	9.1	23.8	-17.0	22nd	41.4	9th	.045	.052		55	50	
February -	.666	.596	14.8	22.3	18.0	9.9	26.0	- 5.2	2nd	36.0	10th	.045	.073		53	62	
March -	.754	.705	17.4	28.3	22.7	9.9	35.4	-11.0	5th	52.0	28th	.046	.096		48	62	
April -	.563	.527	36.2	42.3	37.9	29.3	46.5	18.0	5th	61.2	28th	.159	.190		74	70	
May -	.550	.510	48.3	57.1	50.1	40.7	59.5	27.0	1st	81.2	25th	.243	.274		72	59	
June -	.670	.617	60.6	69.4	62.7	52.3	73.1	39.0	7th	86.2	4th	.382	.401		72	55	
July -	.611	.560	65.2	74.5	68.0	58.3	77.6	47.1	1st	88.2	26th	.475	.496		76	58	
August -	.717	.658	60.7	68.9	62.7	53.8	71.5	46.0	6th	80.2	11th	.385	.418		72	59	
September	.855	.808	59.1	67.7	61.8	53.5	70.1	34.3	28th	82.0	8th	.407	.457		82	67	
October -	.652	.601	42.9	47.5	44.3	38.1	50.5	19.5	28th	72.2	10th	.222	.235		80	71	
November	.627	.579	27.8	30.9	29.1	23.8	34.4	7.8	25th	53.0	4th	.103	.122		67	70	
December	29.857	29.805	18.3	21.7	19.3	12.8	25.7	- 5.0	3rd, 4th	36.6	26th	.050	.061		51	53	
Year -	29.684	29.632	38.8	45.8	41.1	32.6	49.5	—	—	—	—	.214	.240		66.8	61.3	

## QUEBEC (A.M.D.).

1870.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.796	29.764	15.3	17.9	16.1	7.4	24.7	-14.4	14th	41.2	17th	.047	.057		54	59	
February -	.633	.575	11.8	20.5	16.0	5.2	26.8	-14.3	4th	44.0	27th	.037	.060		53	54	
March -	.727	.672	21.9	32.6	26.6	16.1	37.1	-10.6	12th	47.2	15th	.043	.126		37	68	
April -	.767	.714	39.7	48.0	41.7	32.8	50.6	26.8	2nd	73.0	27th	.167	.196		69	59	
May -	.674	.631	50.5	62.7	53.8	42.4	65.2	32.6	5th	93.3	30th	.230	.254		62	45	
June -	.667	.612	66.6	77.0	69.7	58.9	80.4	46.2	21st	97.2	5th	.437	.448		68	49	
July -	.591	.541	69.1	78.3	71.2	59.6	82.7	46.3	1st	95.0	24th	.482	.472		68	49	
August -	.656	.615	63.7	74.8	67.0	56.4	77.6	42.5	27th	89.7	11th	.426	.456		72	53	
September -	29.842	29.795	54.5	64.5	57.8	47.7	67.9	36.3	28th	79.2	14th	.325	.361		77	59	
October -																	
November -																	
December -																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## HALIFAX (R.E.).

Long. 63° 37' W. Lat. 44° 39' N. Height above Mean Sea Level 170 feet.

1852.	9.30 a.m. ins.	3.30 p.m. ins.	9.30 a.m. °	3.30 p.m. °	°	°	°	°	°	°	°	9.30 a.m. in.	3.30 p.m. in.	in.	9.30 a.m. %	3.30 p.m. %	%
January -																	
February -																	
March -																	
April -																	
May -																	
June -																	
July -																	
August -	29.878	29.848	64.9	69.4	64.9 <sup>7</sup>	57.2 <sup>7</sup>	72.0 <sup>1</sup>	50.0	20th	82.0	14th	.495	.511		82.1	71.1	
September -	.853	.811 <sup>1</sup>	60.2	64.2 <sup>1</sup>	59.4	52.1	66.7	36.0	29, 30	80.5	2nd	.413	.410 <sup>1</sup>		80.1	71.7 <sup>1</sup>	
October -	.808	.762 <sup>3</sup>	48.1	50.3 <sup>3</sup>	47.2	41.1	53.3	26.5	26th	61.6	5th	.266	.273 <sup>4</sup>		83.2	77.8 <sup>4</sup>	
November -	.652	.617 <sup>4</sup>	38.1	40.3 <sup>3</sup>	37.9 <sup>6</sup>	33.1 <sup>6</sup>	42.9 <sup>5</sup>	27.0	10th	54.0	2nd, 3rd	.187 <sup>3</sup>	.189 <sup>5</sup>		82.9 <sup>3</sup>	79.5 <sup>5</sup>	
December -	29.821	29.759 <sup>6</sup>	31.3	34.0 <sup>6</sup>	30.4 <sup>9</sup>	25.0 <sup>1</sup>	36.7 <sup>9</sup>	8.0	22nd	52.7	7th	.133	.138 <sup>6</sup>		82.0	76.7 <sup>6</sup>	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## HALIFAX (R.E.).

1853.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.786	29.701 <sup>6</sup>	26.1	28.6 <sup>6</sup>	26.3	20.5	32.0	-1.0	27th	46.0	24th	.102	.092 <sup>6</sup>		80.3	69.2 <sup>6</sup>	
February -	.807	.707 <sup>8</sup>	25.7	31.6 <sup>8</sup>	26.3	19.6	32.9	6.0	20th	47.0	7th	.102	.118 <sup>8</sup>		82.0	68.4 <sup>8</sup>	
March -	.535	.482 <sup>9</sup>	30.0	35.7 <sup>9</sup>	31.6	25.7	37.5	7.0	15th	50.0	23rd	.113	.131 <sup>9</sup>		71.9	70.2 <sup>9</sup>	
April -	.760	.712 <sup>7</sup>	41.6	46.3 <sup>7</sup>	—	—	—	—	—	—	—	.187	.196 <sup>7</sup>		73.6	70.2 <sup>7</sup>	
May -	.804 <sup>2</sup>	.772 <sup>5</sup>	51.7 <sup>2</sup>	55.1 <sup>5</sup>	—	—	—	—	—	—	—	.293 <sup>2</sup>	.299 <sup>5</sup>		79.1 <sup>2</sup>	72.3 <sup>5</sup>	
June -	.854	.806 <sup>3</sup>	61.5	62.5 <sup>3</sup>	—	—	—	—	—	—	—	.394	.373 <sup>3</sup>		75.8	69.2 <sup>3</sup>	
July -	.836 <sup>3</sup>	.771 <sup>6</sup>	65.5 <sup>3</sup>	69.6 <sup>6</sup>	—	55.9 <sup>2</sup>	—	39.0	6th	—	—	.502 <sup>3</sup>	.496 <sup>6</sup>		78.3 <sup>3</sup>	73.4 <sup>6</sup>	
August -	.820 <sup>3</sup>	.806 <sup>4</sup>	66.1 <sup>3</sup>	72.2 <sup>4</sup>	—	59.1 <sup>2</sup>	—	49.0	26, 29	—	—	.476 <sup>3</sup>	.548 <sup>4</sup>		79.7 <sup>3</sup>	77.0 <sup>4</sup>	
September -	.804 <sup>3</sup>	.801 <sup>4</sup>	58.8 <sup>3</sup>	65.0 <sup>4</sup>	—	48.4 <sup>2</sup>	—	34.0	25th	—	—	.400 <sup>3</sup>	.446 <sup>4</sup>		86.7 <sup>3</sup>	75.6 <sup>4</sup>	
October -	29.782 <sup>6</sup>	29.761 <sup>6</sup>	50.1 <sup>5</sup>	53.0 <sup>3</sup>	—	33.1 <sup>7</sup>	—	26.0	29th	—	—	.301 <sup>5</sup>	.260 <sup>3</sup>		77.3 <sup>5</sup>	68.1 <sup>3</sup>	
November -	30.061 <sup>4</sup>	30.010 <sup>3</sup>	36.3 <sup>4</sup>	39.8 <sup>3</sup>	—	27.6 <sup>4</sup>	—	6.0	24th	—	—	.187 <sup>4</sup>	.196 <sup>4</sup>		89.0 <sup>4</sup>	82.8 <sup>4</sup>	
December -	29.658 <sup>4</sup>	29.637 <sup>4</sup>	28.0 <sup>3</sup>	31.0 <sup>3</sup>	—	18.8 <sup>3</sup>	—	3.0	20th	—	—	.136 <sup>3</sup>	.164 <sup>4</sup>		92.5 <sup>3</sup>	89.8 <sup>4</sup>	
Year -	29.792	29.747	45.1	49.2	—	—	—	—	—	—	—	.266	.277		80.5	73.9	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 7 feet above ground. Rain-gauge, on or near the ground.

QUEBEC.

1869.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	8.0	6.5		ins.	ins.	—	20	20	0	0				3	1	10	7	1	7	12	21	0		
February -	6.9	7.5		—	—	—	20	20	0	0				1	4	11	7	1	5	11	16	0		
March -	5.4	6.1		—	—	—	14	13	0	0				1	0	14	2	4	6	17	18	0		
April -	7.1	7.3		—	—	—	18	10	2	0				4	2	15	5	1	10	13	10	0		
May -	6.8	6.7		2.740	.480	3rd	13	3	0	0				1	2	20	16	0	5	7	7	4		
June -	6.3	6.3		7.270	1.820	29th	17	0	0	2				3	11	8	4	5	9	18	2	0		
July -	7.0	6.3		5.060	.940	10, 11	18	0	0	4				5	7	3	0	5	20	18	4	0		
August -	6.5	7.7		2.930	.520	18th	15	0	0	1				1	8	3	0	4	12	23	11	0		
September -	7.7	6.3		3.950	1.600	27th	15	0	0	2				4	10	7	3	5	12	9	4	6		
October -	7.7	7.0		6.330	2.080	5th	16	4	2	0				0	12	6	1	2	22	12	5	2		
November -	7.8	8.4		—	—	—	17	16	2	0				0	7	7	2	1	17	14	2	10		
December -	7.1	7.2		—	—	—	14	14	1	0				1	12	3	2	4	11	24	0	5		
Year -	7.0	6.9		—	—	—	197	100	7	9				24	76	107	49	33	136	178	100	27		

QUEBEC.

1870.				ins.	ins.																	
January -	7.6	6.7		—	—	—	22	22	0	0				4	14	4	0	3	17	14	4	2
February -	7.4	7.4		—	—	—	16	16	1	0				2	12	10	0	4	13	10	1	4
March -	4.9	5.4		—	—	—	9	9	0	0				1	15	14	0	4	13	11	1	3
April -	6.3	6.1		0.820	.260	15th	9	5	1	0				3	7	20	1	5	7	9	4	4
May -	5.3	4.9		1.940	.830	25th	11	0	0	0				3	11	15	2	8	4	9	7	3
June -	5.3	5.5		2.100	.540	13th	14	0	0	4				5	11	9	0	6	9	15	5	0
July -	5.2	6.5		6.590	1.530	25th	14	0	0	9				1	8	4	3	3	13	21	8	1
August -	6.2	5.3		2.770	.740	13th	14	0	0	0				4	6	2	1	5	9	21	5	9
September -	5.6	5.8		2.400	.720	2nd	8	0	0	0				5	16	5	0	3	10	17	2	2
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

Thermometers, 7 feet above ground. Rain-gauge, on or near the ground.

HALIFAX, N.S.

1852.	9.30 a.m.	3.30 p.m.		ins.	ins.																	
January -																						
February -																						
March -																						
April -																						
May -																						
June -																						
July -																						
August -	5.5	4.6		6.094	2.000	28th	14					6	2	1	4	4	2	7	5	0		
September -	5.4	5.5		2.403	.980	13th	10					12	4	1	1	5	2	1	4	0		
October -	6.7	8.2		6.249	1.360	23rd	17					13	7	2	0	0	2	4	3	0		
November -	6.1	7.1		4.285	—	—	—					9	2	1	1	4	1	2	10	0		
December -	6.7	7.3		9.243	1.870	11th	15					5	2	1	2	3	1	5	12	0		
Year -	—	—		—	—	—	—					—	—	—	—	—	—	—	—	—		

NOTE.—The wind summary for 1852 includes only the morning observations.

HALIFAX, N.S.

1853.				ins.	ins.																	
January -	7.2	6.5		2.880	1.390	1st	7							6	7	1	1	3	3	2	8	0
February -	5.5	5.9		3.860	.860	13th	12							6	2	1	1	4	5	4	5	0
March -	6.9	6.7		4.010	1.190	18th	9							5	2	2	3	1	3	3	12	0
April -	3.6	3.9		5.370	1.350	4th	11							0	3	0	3	2	7	3	12	0
May -	5.7	4.7 <sup>1</sup>		4.686	1.490	19th	11							6	0	1	6	2	9	4	3	0
June -	4.4	5.2		1.860	.510	3rd	8							6	2	0	0	2	10	7	3	0
July -	6.5	6.3 <sup>2</sup>		3.850	1.480	27th	13							1	2	1	3	2	9	7	5	0
August -	4.4 <sup>2</sup>	4.4 <sup>2</sup>		5.690	.920	14th	10							9	3	2	3	4	4	4	2	0
September	5.1 <sup>2</sup>	5.4 <sup>1</sup>		5.070	1.970	28th	9							7	1	1	2	2	7	5	5	0
October -	5.1 <sup>5</sup>	4.4 <sup>6</sup>		4.460	1.650	10th	9							2	2	0	0	4	11	6	6	0
November	5.2 <sup>4</sup>	5.4 <sup>4</sup>		5.590	1.710	14th	11							—	—	—	—	—	—	—	—	—
December	5.7 <sup>3</sup>	7.1 <sup>3</sup>		8.140	1.410	26th	10							4	7	1	1	3	5	8	2	0
Year -	5.4	5.5		55.466	—	—	120							—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1853 includes only the morning observations.

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## HALIFAX, N.S. (R.E.).

Long. 63° 37' W. Lat. 44° 39' N. Height above Mean Sea Level, 170 feet.

1854.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ius.										in.	in.	in.	%	%	%	
January -	29.857 <sup>2</sup>	29.787 <sup>5</sup>	21.4 <sup>2</sup>	25.8 <sup>5</sup>	—	6.5 <sup>2</sup>	—	-11.5	28th	—	—	.100 <sup>2</sup>	.114 <sup>5</sup>		95.0 <sup>2</sup>	88.3 <sup>5</sup>		
February -	29.769 <sup>4</sup>	29.767 <sup>4</sup>	20.6 <sup>4</sup>	23.2 <sup>4</sup>	—	9.3 <sup>3</sup>	—	-11.0	4th	—	—	.100 <sup>4</sup>	.108 <sup>4</sup>		96.1 <sup>4</sup>	92.5 <sup>4</sup>		
March -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		
April -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		
May -	29.851 <sup>3</sup>	29.772 <sup>6</sup>	50.5 <sup>3</sup>	54.7 <sup>6</sup>	—	39.0 <sup>1</sup>	—	26.0	6th	—	—	.322 <sup>3</sup>	.326 <sup>6</sup>		88.0 <sup>3</sup>	76.0 <sup>6</sup>		
June -	.766 <sup>5</sup>	—	58.7 <sup>5</sup>	—	—	47.0 <sup>8</sup>	—	35.0	2nd	—	—	.361 <sup>5</sup>	—		73.0 <sup>5</sup>	—		
July -	.808 <sup>4</sup>	29.742 <sup>10</sup>	68.3 <sup>4</sup>	73.8 <sup>10</sup>	—	60.0 <sup>4</sup>	—	48.0	1st	—	—	.527 <sup>4</sup>	.529 <sup>10</sup>		77.8 <sup>4</sup>	68.5 <sup>10</sup>		
August -	.770 <sup>1</sup>	.726 <sup>8</sup>	64.2 <sup>1</sup>	69.0 <sup>8</sup>	—	53.1 <sup>1</sup>	—	44.0	23, 25	—	—	.443 <sup>1</sup>	.449 <sup>8</sup>		75.5 <sup>1</sup>	67.8 <sup>8</sup>		
September	29.857 <sup>2</sup>	29.842 <sup>6</sup>	58.0 <sup>2</sup>	61.8 <sup>7</sup>	—	—	—	—	—	—	—	.366 <sup>2</sup>	.306 <sup>9</sup>		75.0 <sup>2</sup>	56.7 <sup>9</sup>		
October -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		
November -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		
December	29.668	29.643 <sup>2</sup>	30.8	33.3 <sup>2</sup>	—	22.1	—	1.0	23rd	—	—	.123	.124 <sup>2</sup>		77.7	71.7 <sup>2</sup>		
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		

## HALIFAX, N.S. (R.E.).

1855.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.924	29.850 <sup>1</sup>	30.0	32.4 <sup>1</sup>	—	20.7	—	-2.0	16th	—	—	.114	.123 <sup>1</sup>	in.	75.5	74.6 <sup>1</sup>	—
February -	.634	.567 <sup>2</sup>	18.2	23.6 <sup>2</sup>	—	10.9	—	-21.0	6th	—	—	.068	.085 <sup>2</sup>	—	74.4	75.9 <sup>2</sup>	—
March -	.568	.507	29.7	33.5	—	18.5	—	6.0	4th	—	—	.108 <sup>1</sup>	.129 <sup>1</sup>	—	77.3 <sup>1</sup>	73.6 <sup>1</sup>	—
April -	.746	.673 <sup>1</sup>	39.1	42.6 <sup>1</sup>	—	31.5	—	16.0	3rd	—	—	.191	.220 <sup>1</sup>	—	82.0	82.1 <sup>1</sup>	—
May -	.661 <sup>2</sup>	.640 <sup>3</sup>	45.8 <sup>2</sup>	45.6 <sup>10</sup>	—	37.3 <sup>3</sup>	—	25.0	1st	—	—	.242 <sup>10</sup>	.227 <sup>12</sup>	—	88.6 <sup>10</sup>	76.7 <sup>12</sup>	—
June -	.728	.719 <sup>1</sup>	56.2	59.0 <sup>1</sup>	—	44.9	—	38.0	10th	—	—	.406	.454 <sup>1</sup>	—	86.7	86.8 <sup>1</sup>	—
July -	.809	.794	63.0	68.4	—	56.1	—	50.0	1st, 27th	—	—	.529	.601	—	85.9	85.8	—
August -	.751	.742	56.8	69.3	62.0	51.4	72.5	36.0	31st	81.0	1st	.419	.613	—	91.0	86.1	—
September -	.839	.838	50.1	61.7	55.2	44.7	65.7	31.0	20th	79.0	12th	.311	.424	—	88.0	75.2	—
October -	.640	.623	48.4	55.8	—	41.5	—	29.0	31st	—	—	.299	.361	—	89.5	82.9	—
November -	.714	.688	35.7	42.0	—	27.5	—	11.0	24th	—	—	.169	.209	—	83.8	82.2	—
December -	29.606	29.647	29.7	35.7	—	22.0	—	4.0	28, 29	—	—	.140	.159	—	84.0	80.9	—
Year -	29.718	29.691	41.9	47.5	—	33.9	—	—	—	—	—	.250	.300	—	83.9	80.2	—

## HALIFAX, N.S. (R.E.).

1856.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.538	29.529	17.3	23.7	—	8.5	—	0.0	9, 25	—	—	.077	.102	in.	88.8	87.4	—
February -	.389	.337	17.6	27.1	—	11.4	—	-5.0	13th	—	—	.077	.128	—	87.6	81.9	—
March -	29.418	29.407	21.1	30.7	—	13.5	—	2.0	10, 12, 13	—	—	.079	.130	—	79.8	82.7	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	29.715	29.699	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	.689	.650	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	.793 <sup>3</sup>	.782 <sup>3</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	.842	.843	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November -	.745	.737	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	29.548	29.614	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## HALIFAX, N.S. (R.E.).

(No observations

Height above Mean Sea Level, 8 feet.

1858.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	30.062	30.036	59.6	65.2	59.4	51.0	67.7	32.5	24th	87.5	10th	.417	.479	—	79.8	80.1	—
October -	30.003	29.962	47.2	53.4	47.2	39.0	55.3	25.0	29th	74.5	20th	.277	.326	—	80.2	77.4	—
November -	29.774	.750	34.8	37.5	34.8	29.8	39.7	18.8	12th	60.0	2nd	.165	.193	—	76.5	83.9	—
December -	29.995	29.973	24.0	26.2	23.7	16.3	31.1	1.0	13th	46.3	22nd	.106	.122	—	78.6	80.7	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

HALIFAX, N.S.

1854.	Amount of Cloud.			Rainfall.			Weather, No. of days of								Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.		N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.	—	—								7	5	0	0	3	5	3	8	0
January -	5° 5 <sup>2</sup>	6° 3 <sup>5</sup>		—	—	—	—								8	4	1	5	2	2	3	3	0
February -	5° 4 <sup>4</sup>	5° 4 <sup>4</sup>		5° 940	1° 920	26th	—								—	—	—	—	—	—	—	—	—
March -	—	—		—	—	—	—								—	—	—	—	—	—	—	—	—
April -	—	—		—	—	—	—								—	—	—	—	—	—	—	—	—
May -	5° 2 <sup>3</sup>	4° 2 <sup>7</sup>		2° 450	° 640	22nd	9								—	—	—	—	—	—	—	—	—
June -	5° 4 <sup>2</sup>	3° 6 <sup>8</sup>		1° 460 <sup>1</sup>	° 620	24th	—								—	—	—	—	—	—	—	—	—
July -	4° 8	4° 4		3° 740	1° 550	24th	8								6	5	0	2	1	5	10	2	0
August -	2° 9	3° 1		2° 200	1° 200	11th	3								—	—	—	—	—	—	—	—	—
September	3° 5	3° 0		2° 070	° 800	5th	6								9	4	0	0	3	3	6	5	0
October -	—	—		—	—	—	—								—	—	—	—	—	—	—	—	—
November	—	—		—	—	—	—								—	—	—	—	—	—	—	—	—
December	7° 4	6° 9		14° 050	2° 790	16th	13								6	2	0	1	1	3	14	4	0
Year -	—	—		—	—	—	—								—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1854 includes only the morning observations.

HALIFAX, N.S.

1855.				ins.	ins.																	
January -	7.4	7.1		5.850	1.820	30th	9							—	—	—	—	—	—	—	—	—
February -	4.8	4.3		2.235	1.100	18th	7							—	—	—	—	—	—	—	—	—
March -	6.5	5.5		4.763	1.890	11th	17							7	1	7	4	9	9	23	0	0
April -	5.2	4.8		6.327	1.430	6th	12							7	3	2	6	10	6	14	12	0
May -	5.1	6.3		2.500	.500	21st	9							17	7	4	8	7	4	8	7	0
June -	2.8	3.1		3.800	1.200	10th	6							3	1	0	4	10	7	32	3	0
July -	3.0	2.5		1.200	.800	7th	2							4	2	2	7	9	23	10	5	0
August -	3.0	2.2		0.130	.080	23rd	2							16	3	1	1	10	15	6	10	0
September	3.4	2.7		0.400	.400	18th	1							21	2	0	1	8	12	2	14	0
October -	2.7	3.9		2.400	.500	14th	10							8	5	0	10	12	16	4	7	0
November	4.5	3.3		1.600	.700	29th	3							22	2	0	8	6	10	6	6	0
December	6.6	4.6		3.300	1.600	26th	6							11	6	0	2	5	12	13	13	0
Year -	4.6	4.2		34.505	—	—	84							—	—	—	—	—	—	—	—	—

HALIFAX, N.S.

1856.				ins.	ins.																	
January -	2° 9	4° 7		4° 000	—	—	—							16	7	1	2	2	5	11	18	0
February -	5° 1	5° 9		—	—	—	—							6	3	2	1	3	7	16	20	0
March -	3° 5	4° 5		—	—	—	—							13	5	2	2	0	2	12	26	0
April -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
May -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
June -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
July -	5° 4	6° 0		0° 700	° 260	16th	4							10	0	0	12	12	16	9	3	0
August -	6° 0	6° 6		8° 220	2° 100	18th	9							5	0	12	7	12	8	13	5	0
September -	5° 4	6° 3		2° 410	° 720	25th	10							19	3	2	5	12	6	4	9	0
October -	5° 6	6° 4		2° 840	° 760	14th	10							21	2	4	4	0	15	8	8	0
November -	5° 1	6° 6		3° 310	° 820	25th	11							16	7	3	10	1	8	3	12	0
December -	3° 8	4° 9		—	—	—	—							21	2	2	2	0	6	5	24	0
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

for the year 1857.)

HALIFAX, N.S.

1858.				ins.	ins.																	
January -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
February -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
March -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
April -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
May -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
June -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
July -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
August -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
September -	—	—		2° 948	1° 784	12th	7							0	2	0	18	1	10	2	27	0
October -	5° 2	5° 1		2° 563	1° 194	15th	11							5	11	0	6	0	13	3	24	0
November -	6° 3	6° 3		—	—	—	—							21	3	4	0	0	0	1	31	0
December -	5° 0	5° 8		—	—	—	—							15	0	3	1	3	9	3	28	0
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## HALIFAX, N.S. (R.E.).

Long. 63° 37' W. Lat. 44° 39' N. Height above Mean Sea Level, 8 feet.

1859.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	30.125 <sup>1</sup>	30.091	19.8 <sup>2</sup>	24.6	19.8 <sup>2</sup>	14.2 <sup>2</sup>	25.3 <sup>2</sup>	-9.0	11th	48.8	22nd	11.5 <sup>6</sup>	14.0 <sup>4</sup>		83.3 <sup>6</sup>	87.9 <sup>4</sup>		
February -	29.944	29.909 <sup>1</sup>	22.2	27.8 <sup>1</sup>	22.3	15.1	29.4	-5.3	8th	45.3	20th	10.8	13.7 <sup>1</sup>		84.5	84.5 <sup>1</sup>		
March -	.862	.823	31.7	35.7	31.7	23.9	39.5	-6.3	2nd	55.5	29th	1.55	1.78		83.6	82.8		
April -	29.716	29.673	38.6	44.1	38.6	30.6	46.6	22.8	6th	57.9	30th	1.82	2.14		77.0	74.1		
May -	30.109	30.089	49.3	56.1	49.3	40.3	58.3	29.8	11th	72.6	31st	2.73	3.42		76.9	73.7		
June -	30.024 <sup>1</sup>	29.996	56.1 <sup>1</sup>	61.2	56.2 <sup>1</sup>	48.4 <sup>1</sup>	64.0 <sup>1</sup>	37.0	13th	79.3	28th	3.91 <sup>1</sup>	4.37		86.0 <sup>1</sup>	81.6		
July -	29.940	.914	61.8	68.5	61.9	52.5	71.2	46.2	28th	83.0	17th	4.34	4.86		77.0	70.5		
August -	.963	.929	64.0	69.8	64.1	55.8	72.3	45.2	31st	82.3	12th	4.98	5.66		82.7	78.2		
September	.990	.953	55.2	61.8	55.2	47.0	63.3	30.5	17th	75.8	10th	3.67	4.25		82.9	76.4		
October -	29.858 <sup>1</sup>	29.819 <sup>2</sup>	45.4 <sup>1</sup>	50.4 <sup>2</sup>	45.2 <sup>1</sup>	38.3 <sup>1</sup>	52.1 <sup>1</sup>	26.3	26th	67.9	5th	2.54 <sup>1</sup>	2.91 <sup>2</sup>		80.9 <sup>1</sup>	76.2 <sup>2</sup>		
November	30.118	30.091	36.1	40.0	36.1	29.2	42.9	12.0	30th	58.3	14th	1.91	2.10		85.8	81.7		
December	30.015	29.954	26.7	28.6	26.7	19.7	33.7	-7.0	29th	57.0	8th	1.45	1.56		85.3	89.5		
Year -	29.972	29.937	42.2	47.4	42.3	34.6	49.9	—	—	—	—	2.259	2.299		82.2	79.8		

## HALIFAX, N.S. (R.E.).

1860.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.928	29.876	24.9 <sup>2</sup>	29.0	25.0 <sup>2</sup>	16.9 <sup>2</sup>	33.0 <sup>2</sup>	-3.5	2nd	46.3	22nd	1.19 <sup>3</sup>	1.44		80.1 <sup>3</sup>	87.1	
February -	.987	.943	22.1	27.4	24.9	18.3	31.5	-13.5	2nd	47.0	25th	1.12	1.39		84.3	90.7	
March -	.845	.785	—	—	34.7	27.8	41.5	14.3	7th	56.4	19th	—	—		—	—	
April -	.835 <sup>1</sup>	.781	—	—	38.9 <sup>1</sup>	29.5 <sup>1</sup>	48.2 <sup>1</sup>	8.3	3rd	66.3	24th	—	—		—	—	
May -	.981 <sup>9</sup>	.960 <sup>9</sup>	54.9 <sup>9</sup>	54.1 <sup>9</sup>	50.0 <sup>9</sup>	37.5 <sup>9</sup>	62.5 <sup>9</sup>	29.3	1st	85.4	13th	3.15 <sup>9</sup>	3.05 <sup>9</sup>		73.0 <sup>9</sup>	72.9 <sup>9</sup>	
June -	.996 <sup>17</sup>	.955 <sup>17</sup>	62.7 <sup>17</sup>	64.3 <sup>17</sup>	58.8 <sup>17</sup>	47.6 <sup>17</sup>	70.0 <sup>17</sup>	40.0	22nd	76.1	29th	4.54 <sup>17</sup>	4.33 <sup>17</sup>		79.3 <sup>17</sup>	76.6 <sup>17</sup>	
July -	.889 <sup>3</sup>	.861 <sup>3</sup>	64.8 <sup>3</sup>	68.3 <sup>3</sup>	62.8 <sup>3</sup>	50.3 <sup>3</sup>	75.3 <sup>3</sup>	42.0	23rd	81.9	18th	4.83 <sup>3</sup>	4.74 <sup>3</sup>		79.4 <sup>3</sup>	69.9 <sup>3</sup>	
August -	.977 <sup>2</sup>	.943 <sup>2</sup>	67.1 <sup>2</sup>	67.1 <sup>2</sup>	65.8 <sup>2</sup>	57.8 <sup>2</sup>	73.8 <sup>2</sup>	48.9	4th	81.9	17th	5.86 <sup>2</sup>	5.57 <sup>2</sup>		88.2 <sup>2</sup>	87.3 <sup>2</sup>	
September -	29.906	29.961	62.6	62.6	59.2	48.9	69.4	32.7	30th	80.1	19th	4.55	4.37		81.8	75.4	
October -	30.060 <sup>1</sup>	30.018 <sup>1</sup>	50.5 <sup>1</sup>	51.9 <sup>1</sup>	49.1 <sup>1</sup>	40.5 <sup>1</sup>	57.7 <sup>1</sup>	27.0	29th	69.0	31st	3.19 <sup>1</sup>	3.21 <sup>1</sup>		85.4 <sup>1</sup>	81.9 <sup>1</sup>	
November -	29.865	29.828	43.0	44.6	44.0	36.6	51.3	18.8	30th	72.1	2nd	2.58	2.63		89.1	85.5	
December -	29.855	29.833	28.9	30.7	29.9	24.3	35.4	-1.0	19th	49.3	2nd	1.51	1.62		86.8	90.7	
Year -	29.935	29.895	—	—	45.2	36.3	54.1	—	—	—	—	—	—		—	—	

## HALIFAX, N.S. (R.E.).

1861.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.943	29.894	20.6 <sup>3</sup>	23.5 <sup>1</sup>	21.8	12.6	31.0	-12.8	13th	46.1	1st	1.11 <sup>3</sup>	1.15 <sup>1</sup>		94.6 <sup>3</sup>	87.7 <sup>1</sup>	
February -	.941	.883	27.9	31.7	28.7	19.1	38.2	-14.0	9th	47.5	17th	1.49	1.56		90.1	82.6	
March -	.922	.893	32.7	35.1	32.5	23.4	41.6	-0.5	21st	54.2	1st	1.60	1.76		85.0	84.9	
April -	.945	.926	40.0	42.5 <sup>1</sup>	38.0	28.2	47.7	13.8	8th	65.3	29th	2.01	2.23 <sup>1</sup>		80.2	80.3 <sup>1</sup>	
May -	.831 <sup>1</sup>	.786 <sup>1</sup>	49.8 <sup>1</sup>	51.7 <sup>1</sup>	48.2 <sup>1</sup>	37.5 <sup>1</sup>	58.9 <sup>1</sup>	24.8	3rd	74.4	31st	3.04 <sup>1</sup>	3.03 <sup>1</sup>		83.3 <sup>1</sup>	78.5 <sup>1</sup>	
June -	.956 <sup>14</sup>	.930 <sup>14</sup>	60.8 <sup>14</sup>	63.8 <sup>14</sup>	59.6	46.9	72.2	38.5	3rd	78.6	1st	4.33 <sup>14</sup>	4.33 <sup>14</sup>		80.8 <sup>14</sup>	72.9 <sup>14</sup>	
July -	.957	.937 <sup>1</sup>	66.1	65.2 <sup>1</sup>	65.1	56.3	73.8	48.9	1st	85.9	6th	5.57	5.54 <sup>1</sup>		87.4	82.6 <sup>1</sup>	
August -	.985 <sup>5</sup>	.946 <sup>5</sup>	66.8 <sup>5</sup>	68.9 <sup>5</sup>	64.4 <sup>5</sup>	53.6 <sup>5</sup>	75.2 <sup>5</sup>	41.2	21st	85.2	2nd	5.18 <sup>5</sup>	5.17 <sup>5</sup>		78.4 <sup>5</sup>	73.6 <sup>5</sup>	
September -	.993 <sup>1</sup>	.956 <sup>1</sup>	63.9 <sup>1</sup>	66.3 <sup>1</sup>	61.0 <sup>1</sup>	50.4 <sup>1</sup>	71.5 <sup>1</sup>	39.0	30th	79.6	5th, 15th	4.88 <sup>1</sup>	5.23 <sup>1</sup>		81.8 <sup>1</sup>	80.5 <sup>1</sup>	
October -	.999 <sup>1</sup>	.928 <sup>2</sup>	54.1 <sup>1</sup>	55.0 <sup>2</sup>	53.0 <sup>1</sup>	44.3 <sup>1</sup>	61.7 <sup>1</sup>	30.3	26th	72.1	4th	3.83 <sup>1</sup>	3.74 <sup>2</sup>		89.8 <sup>1</sup>	84.9 <sup>2</sup>	
November -	.723	.679	41.5	42.3	41.9	36.2	47.6	29.0	25th	59.9	1st, 2nd	2.38	2.36		89.5	86.6	
December -	29.944 <sup>1</sup>	29.898 <sup>1</sup>	29.1	30.5 <sup>1</sup>	29.5	21.4	37.6	6.0	22nd	52.7	12th	1.53	1.60 <sup>1</sup>		90.6	89.6 <sup>1</sup>	
Year -	29.928	29.888	46.1	48.0	45.3	35.8	54.8	—	—	—	—	3.08	3.14		86.0	82.1	

(1862.—Observations, January to March,  
Height above Mean Sea Level, 137 feet.

## HALIFAX, N.S. (A.M.D.).

1864.	9 a.m.	3 p.m.	9 a.m.	3 p.m.							9 a.m.	3 p.m.	ins.	9 a.m.	3 p.m.	%
	ins.										ins.		ins.			%
January -	29.810		24.5	24.4	16.8	32.0	-3.4	—	50.0	—	1.101				77	
February -	.645		26.1	25.8	18.3	33.3	-3.1	—	49.6	—	1.105				74	
March -	.634		32.3	31.0	23.9	38.1	13.2	—	52.7	—	1.139				75	
April -	.794		39.6	37.8	29.5	46.1	18.2	—	61.0	—	1.183				75	
May -	.756		50.6	49.0	39.1	58.9	30.2	—	70.3	—	2.285				77	
June -	.726		59.9	57.3	46.3	68.3	37.1	—	92.5	—	3.358				69	
July -	.793		66.7	63.6	51.9	75.2	45.2	—	83.0	—	4.448				69	
August -	.780		65.8	64.1	55.8	72.4	46.1	—	83.0	—	4.489				78	
September -	.802		59.6	57.3	47.8	66.7	37.2	—	73.0	—	3.392				77	
October -	.640		48.8	47.1	39.3	54.8	28.6	—	67.8	—	2.278				80	
November -	.842		—	38.5	32.3	44.7	19.0	—	59.2	—	—				—	
December -	29.666		28.1	29.4	18.5	40.3	-6.5	—	53.0	—	1.118				77	
Year -	29.741		—	43.8	35.0	52.6	—	—	—	—	—				—	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

HALIFAX, N.S.

1859.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S	S.W.	W.	N.W.	Calm.	
				ins.	ins.									.									
January -	3.2	3.0		—	—	—	—							15	9	2	3	3	4	4	20	2	
February -	2.1	3.0		—	—	—	—							10	8	1	5	5	1	6	16	1	
March -	4.0	3.2		—	—	—	—							10	8	0	5	7	4	9	13	6	
April -	5.1	5.4		—	—	—	—							—	—	—	—	—	—	—	—	—	
May -	3.6	4.2		2.098	.554	28th	11							5	6	0	18	7	10	4	12	0	
June -	3.3 <sup>1</sup>	4.3		2.543	.623	10th	14							4	0	1	6	10	31	1	6	1	
July -	4.2	4.8		3.581	2.128	28th	8							7	5	0	7	7	18	6	12	0	
August -	4.0	4.0		2.578	.571	23rd	9							1	13	0	6	6	21	1	14	0	
September -	4.8	4.7		3.962	1.107	18th	13							2	8	2	4	0	18	5	13	8	
October -	5.6 <sup>1</sup>	6.4 <sup>2</sup>		5.982	2.006	7th	9							5	6	0	6	1	3	7	34	0	
November -	5.1	6.1		3.114	.882	23rd	12							3	10	1	3	1	12	3	20	7	
December -	5.1	4.0		5.630	1.380	21st	15							7	12	3	6	0	10	10	14	0	
Year -	4.2	4.4		—	—	—	—							—	—	—	—	—	—	—	—	—	

HALIFAX, N.S.

1860.				ins.	ins.																	
January -	4.3	4.3		2.360	.430	8th	17	—	—	—	—	—	—	10	4	1	3	1	6	12	25	0
February -	3.2	4.6		3.820	1.600	7th	8	—	—	—	—	—	—	16	6	1	1	1	8	10	15	0
March -	3.9	4.5		3.270	.740	10th	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	3.3 <sup>1</sup>	4.8		4.430	1.460	3rd	14	—	—	—	—	—	—	12	6	0	3	7	7	3	12	10
May -	5.1 <sup>9</sup>	5.0 <sup>9</sup>		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	5.2 <sup>17</sup>	4.1 <sup>17</sup>		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	5.5 <sup>3</sup>	4.7 <sup>3</sup>		2.040	.690	27th	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	5.4	5.8 <sup>2</sup>		3.150	.610	29th	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	4.1	5.2		4.890	1.600	9th	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	5.1 <sup>1</sup>	6.1 <sup>1</sup>		3.760	.920	15th	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November -	5.2	6.3		4.410	.940	28th	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	6.4	6.2		4.210	1.440	21st	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	4.6	5.1		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

HALIFAX, N.S.

1861.				ins.	ins.																	
January -	2.7	5.4		3.770	.690	4th	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	4.4	5.0		4.720	1.600	3rd	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	3.5	3.9		5.840	1.940	16th	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	5.2	5.1		4.290	3.070	17th	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	3.8 <sup>1</sup>	5.5 <sup>4</sup>		2.950	.700	8th	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	4.7 <sup>14</sup>	2.7 <sup>16</sup>		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	4.1	3.9 <sup>1</sup>		3.150	.950	3rd	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	4.8 <sup>1</sup>	5.3 <sup>3</sup>		2.610	.810	23rd	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	3.6	5.0 <sup>1</sup>		4.420	1.520	12th	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	5.8 <sup>4</sup>	5.6 <sup>2</sup>		8.620	1.760	20th	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November -	6.9	8.9		5.700	1.270	5th	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	7.8	6.7 <sup>1</sup>		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	4.8	5.3		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

being doubtful, have been rejected.)

HALIFAX, N.S.

1864.	9 a.m.	3 p.m.		ins.	ins.																	
January -	6.7			7.530	—	—	10	—	—	—	—	—	—	19	—	6	—	9	—	28	—	0
February -	7.2			6.060	—	—	15	—	—	—	—	—	—	14	—	7	—	13	—	23	—	1
March -	6.3			3.540	—	—	11	—	—	—	—	—	—	22	—	13	—	11	—	16	—	9
April -	6.8			2.280	—	—	10	—	—	—	—	—	—	18	—	19	—	13	—	10	—	0
May -	7.4			4.130	—	—	15	—	—	—	—	—	—	12	—	20	—	21	—	9	—	0
June -	4.6			1.790	—	—	10	—	—	—	—	—	—	13	—	8	—	15	—	24	—	0
July -	5.1			1.930	—	—	8	—	—	—	—	—	—	13	—	8	—	18	—	23	—	0
August -	6.3			4.440	—	—	13	—	—	—	—	—	—	9	—	11	—	23	—	19	—	0
September -	6.2			5.070	—	—	6	—	—	—	—	—	—	13	—	11	—	16	—	20	—	0
October -	7.3			5.840	—	—	13	—	—	—	—	—	—	21	—	11	—	9	—	21	—	0
November -	7.8			5.930	—	—	13	—	—	—	—	—	—	14	—	7	—	14	—	25	—	0
December -	7.8			2.950	—	—	11	—	—	—	—	—	—	19	—	8	—	11	—	24	—	0
Year -	6.6			51.490	—	—	135	—	—	—	—	—	—	187	—	129	—	173	—	242	—	1

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## HALIFAX, N.S. (A.M.D.).

Long. 63° 37' W. Lat. 44° 39' N. Height above Mean Sea Level, 137 feet.

1865.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.											in.	in.		%	%	%
January -	29.678		23.1		23.4	14.1	32.7	3.7	—	50.0	—	.102			83		
February -	.737		24.9		25.7	17.7	33.7	6.0	—	45.0	—	.113			85		
March -	.861		36.3		35.2	26.8	43.5	10.6	—	55.0	—	.194			91		
April -	.889		43.9		41.2	32.4	50.0	24.2	—	67.2	—	.233			81		
May -	.804		53.3		50.3	41.2	59.4	28.8	—	76.1	—	.333			82		
June -	.920		62.4		57.8	46.3	69.3	32.4	—	79.0	—	.400			71		
July -	.763		67.9		63.7	52.5	74.9	44.0	—	87.1	—	.487			71		
August -	.841		67.4		63.6	53.8	73.4	43.2	—	83.4	—	.523			78		
September -	.894		62.7		57.4	46.7	68.0	32.2	—	80.2	—	.430			75		
October -	.709		47.8		44.8	35.2	54.3	20.0	—	73.8	—	.267			81		
November -	.830		41.0		39.9	31.8	46.0	15.2	—	60.1	—	.221			86		
December -	29.808		26.1		23.2	15.5	32.7	-8.1	—	50.1	—	.102			73		
Year -	29.811		46.4		43.9	34.5	53.2	—	—	—	—	.284			79.8		

## HALIFAX, N.S. (A.M.D.).

1866.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.899	29.857	17.0	20.3	17.6	9.2	25.9	-15.7	7th	40.0	18th	.063	.070		68.0	65.7	
February -	.987	.948	24.6	29.0	24.1	13.3	34.9	-12.0	7th	51.5	25th	.109	.142		81.4	89.0	
March -	.748	.704	27.1	31.3	27.3	19.0	35.5	5.1	1st	53.3	17th	.116	.143		79.5	82.0	
April -	.808 <sup>1</sup>	.774 <sup>1</sup>	40.4	44.3 <sup>1</sup>	39.6	29.6	49.6	21.6	17th	68.2	19th	.213	.223 <sup>1</sup>		85.2	75.9 <sup>1</sup>	
May -	.564 <sup>2</sup>	.548 <sup>2</sup>	48.5	50.2 <sup>2</sup>	46.0	36.8	55.1	26.8	8th	68.3	12th	.290	.300 <sup>2</sup>		85.3	83.0 <sup>2</sup>	
June -	.792	.767	57.4	61.9	55.2	43.6	66.7	32.0	2nd	87.2	26th	.373	.379		81.0	68.5	
July -	.769	.735	65.2	69.2	58.2	41.1	75.2	35.5	20th	87.5	8th	.488	.496		79.0	68.2	
August -	.723	.705	64.7	67.4	56.5	41.0	72.0	31.8	22nd	80.5	1st	.502	.466		82.1	69.0	
September	.860	.811	60.0	64.1	52.8	37.6	68.0	25.4	23rd	76.6	5th	.415	.428		80.0	70.2	
October -	29.902	29.864	47.7	51.3	46.4	37.2	55.5	24.6	26th	72.0	1st	.260	.303		79.0	80.0	
November	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
December	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

Observatory burnt down on the night of November 10th, 1866.

(No observations

## HALIFAX, N.S. (A.M.D.).

Height above Mean Sea Level, 125 feet.

1868.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.732	29.688	18.7	23.2	20.2	11.5	28.8	-2.5	5th	42.2	1st	.062	.086		61.8	72.0	
February -	.938	.853	19.0	24.8	20.9	10.3	31.5	-5.0	4th	44.4	28th	.062	.078		60.5	58.4	
March -	.892	.857	30.9	34.6	30.7	20.9	40.5	-1.0	2nd	52.6	22nd	.129	.153		74.2	75.8	
April -	.788	.722	36.5	40.7	35.3	23.5	47.1	8.5	6th	60.0	18th	.170	.182		78.5	71.8	
May -	.759	.723	48.3	51.6	49.2	37.9	60.4	20.0	3rd	75.0	15th	.269	.288		80.0	75.8	
June -	.683	.651 <sup>1</sup>	59.5	63.3 <sup>1</sup>	59.8 <sup>1</sup>	48.6 <sup>1</sup>	71.0 <sup>1</sup>	35.0	3rd	84.2	18, 27	.395	.407 <sup>1</sup>		78.0	70.0 <sup>1</sup>	
July -	.665	.626	64.9 <sup>2</sup>	69.7 <sup>2</sup>	65.9 <sup>2</sup>	54.6 <sup>2</sup>	77.2 <sup>2</sup>	44.5	24th	86.6	14th	.489 <sup>2</sup>	.521 <sup>2</sup>		80.4 <sup>2</sup>	71.5 <sup>2</sup>	
August -	.643	.628	65.5	69.5	65.1	54.3	75.9	40.0	28th	86.0	24th	.527	.573		84.0	79.5	
September -	.707	.669	59.2	63.2	60.0	50.0	69.9	36.5	18, 19	78.5	7th	.419	.429		84.0	74.2	
October -	.910	.893	47.4	50.3	46.4	36.2	56.5	20.0	31st	72.0	8th	.251	.275		77.3	76.1	
November -	.650	.622	35.7	38.9	35.9	28.8	43.0	16.4	16th	65.1	3rd	.174	.191		82.4	81.6	
December -	29.694	29.662	25.8	28.2	25.6	17.9	33.2	3.0	20th	46.0	8th	.095	.119		68.0	77.6	
Year -	29.755	29.716	42.6	46.5	42.9	32.9	52.9	—	—	—	—	.254	.275		75.8	73.7	

## HALIFAX, N.S. (A.M.D.).

1869.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.739	29.674	23.2	28.1	23.5	14.8	32.2	-7.0	23rd	55.9	10th	.078	.101		63.6	66.0	
February -	.695	.655	26.5	30.6	27.2	18.0	36.3	7.0	2nd	49.5	13th	.104	.124		72.0	73.0	
March -	.792	.767	29.2	32.1	27.7	15.9	39.5	-5.5	6th	54.0	28th	.139	.156		86.2	83.2	
April -	.619	.560	40.6	44.5	39.7	29.4	50.0	22.4	5th	61.6	20th	.209	.225		83.0	76.1	
May -	.602	.575	48.2	51.7	47.7	35.7	59.7	23.0	3rd	71.6	30th	.264	.269		78.5	70.5	
June -	.801	.760	58.8	63.5	58.9 <sup>1</sup>	45.9 <sup>1</sup>	71.9 <sup>1</sup>	37.0	10th	80.0	3rd, 6th	.364	.382		73.5	65.0	
July -	.747	.710	64.9	69.6	63.7	51.3	76.0	43.0	23rd	83.7	3rd	.464	.483		75.0	66.8	
August -	29.774	.750	63.3	68.1	61.0	48.5	73.4	39.8	26th	81.5	4th	.422	.420		72.8	60.8	
September -	30.007	.962	59.9	64.8	58.6	47.2	70.0	32.9	29, 30	82.6	5th	.408	.410		79.9	66.8	
October -	29.778	.744	50.0	54.4	48.7	37.7	59.7	21.6	29th	77.1	1st	.290	.300		81.8	70.5	
November -	.773	.729	37.7	39.4	36.1	26.9	45.2	16.4	17th	58.5	5th	.199	.197		88.1	81.6	
December -	29.971	29.957	32.8	33.8	31.6	22.3	40.8	10.1	21st	55.6	1st	.170	.170		91.2	87.0	
Year -	29.775	29.737	44.6	48.4	43.7	32.8	54.6	—	—	—	—	.259	.270		78.8	72.3	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers ? feet above ground. Rain-gauge, on or near the ground.

HALIFAX, N.S.

1865.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	7.2			—	—	—	10							22	—	8	—	9	—	22	—	1
February -	6.3			—	—	—	11							23	—	11	—	7	—	14	—	1
March -	6.3			—	—	—	8							16	—	7	—	14	—	25	—	0
April -	6.3			—	—	—	10							11	—	8	—	18	—	23	—	0
May -	7.0			9.670	—	—	22							12	—	15	—	20	—	15	—	0
June -	5.0			3.260	—	—	8							12	—	6	—	14	—	28	—	0
July -	5.2			1.630	—	—	10							15	—	6	—	17	—	24	—	0
August -	5.5			3.040	—	—	9							14	—	8	—	17	—	23	—	0
September -	5.5			2.550	—	—	7							22	—	6	—	11	—	21	—	0
October -	6.8			3.740	—	—	10							23	—	7	—	10	—	22	—	0
November -	8.1			5.180	—	—	12							23	—	14	—	8	—	15	—	0
December -	6.4			—	—	—	—							22	—	12	—	10	—	18	—	0
Year -	6.3			—	—	—	—							215	—	108	—	155	—	250	—	2

HALIFAX, N.S.

1866.				ins.	ins.																	
January -	6.8	6.6		—	—	—	—	7	0	0				9	13	0	8	0	2	2	28	0
February -	7.1	6.8		—	—	—	—	5	0	0				0	13	0	4	4	15	4	16	0
March -	7.1	7.6		—	—	—	—	10	0	0				1	15	1	9	0	11	0	25	0
April -	7.4	6.6 <sup>1</sup>		—	—	—	—	2	0	1				6	8	0	11	2	13	3	17	0
May -	7.7	7.3 <sup>2</sup>		5.850	1.300	28th	13	0	0	0				1	7	0	13	3	22	2	14	0
June -	7.1	6.4		6.000	2.060	29, 30	8	0	0	0				5	10	0	12	3	17	4	9	0
July -	7.0	6.2		1.720	.550	15th	8	0	0	1				5	2	0	14	3	20	5	10	3
August -	6.3	5.8		6.800	2.360	16th	13	0	0	2				4	4	4	9	2	22	0	7	10
September -	7.4	7.2		8.920	1.100	9th	13	0	0	0				0	2	0	16	0	18	6	15	3
October -	5.8	6.0		2.460	1.600	31st	3	1	0	0				2	20	1	1	1	17	3	16	1
November -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
December -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

Observatory burnt down on the night of November 10th, 1866.

for the year 1867.)

HALIFAX, N.S.

1868.				ins.	ins.																	
January -	4.7	4.8		4.010	1.250	2nd	—	10	2	0				17	8	0	4	1	4	3	23	2
February -	6.2	5.2		3.810	1.460	7th	—	11	0	0				13	7	0	4	2	5	8	13	6
March -	6.8	6.1		3.830	1.080	22nd	11	4	0	0				10	9	0	9	0	9	10	14	1
April -	5.7	6.2		5.970	.990	8th	13	5	0	0				3	3	0	1	7	9	9	24	4
May -	7.2	6.7		7.480	1.690	22nd	17	0	0	0				3	4	2	15	8	4	3	1	22
June -	7.5	6.4 <sup>1</sup>		6.270	2.450	13th	13	0	0	2				2	6	0	8	7	6	12	8	11
July -	7.5 <sup>2</sup>	6.1 <sup>2</sup>		1.350	.700	26th	6	0	0	2				5	5	2	8	8	11	12	8	3
August -	6.6	6.2		4.050	1.950	21st	9	0	0	1				10	4	2	3	6	8	25	1	3
September -	6.7	7.5		6.120	1.180	12th	16	0	0	2				12	10	0	7	5	10	2	7	7
October -	6.7	6.8		6.610	2.050	16th	11	2	0	1				20	6	3	1	4	9	7	10	2
November -	7.1	7.0		6.060	2.500	4th	9	4	0	0				14	4	0	5	3	3	2	17	12
December -	9.2	7.4		3.830	1.750	8th	—	5	0	0				9	7	3	2	1	5	4	30	1
Year -	6.8	6.4		59.390	—	—	—	41	2	8				118	73	12	67	52	83	97	156	74

HALIFAX, N.S.

1869.				ins.	ins.																	
January -	7.2	7.4		3.490	1.000	31st	—	7	0	0				16	8	2	5	1	2	6	10	12
February -	7.4	6.8		4.720	1.560	24th	—	7	0	0				14	5	1	8	4	3	10	11	0
March -	6.1	6.2		7.620	1.400	12th	—	7	0	0				15	13	0	2	6	7	4	13	2
April -	6.2	7.1		2.560	.650	4th	8	4	3	0				16	8	7	2	12	5	5	5	0
May -	6.3	6.2		5.480	.860	23rd	11	0	0	1				7	16	0	4	12	9	4	6	4
June -	6.3	5.7		3.550	.720	15th	12	0	0	0				4	4	0	8	9	11	9	8	7
July -	6.0	4.5		3.920	1.550	10th	8	0	0	0				10	2	1	2	13	10	10	10	4
August -	5.4	5.0		2.660	1.030	26th	7	0	0	0				12	2	2	4	4	11	8	13	6
September -	5.9	4.6		1.740	.800	11th	8	0	0	1				10	8	0	2	1	13	14	8	4
October -	7.2	5.6		7.080	1.290	24th	13	1	0	0				5	7	0	5	13	11	3	13	5
November -	8.5	8.1		5.610	2.250	21st	11	3	1	0				4	15	0	3	4	7	3	21	3
December -	7.9	7.1		6.510	1.840	23rd	8	1	0	0				8	10	0	6	4	13	2	13	6
Year -	6.7	6.2		54.940	—	—	—	30	4	2				121	98	13	51	83	102	78	131	53

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



HALIFAX, N.S. (A.M.D.). Long. 63° 37' W. Lat. 44° 39' N. Height above Mean Sea Level, 125 feet till June 1870, then 175 feet.

1870.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%	
January -	29.921	29.902	29.0	33.2	28.3	17.7	38.9	-3.0	15th	51.0	18th	.139	.169		87.5	91.4		
February -	.682	.675	24.5	28.7	24.2	13.8	34.6	-3.0	4th	48.2	19th	.108	.131		82.6	83.8		
March -	.675	.647	29.2	33.9	27.4	17.5	37.3	-6.0	12th	51.9	31st	.133	.167		83.2	85.0		
April -	.846	.816	42.9	45.0	40.8	30.8	50.8	20.0	16th	66.4	27th	.226	.241		82.2	81.0		
May -	.768	.755	49.4	53.0	48.2	34.3	62.0	24.0	24th	81.0	30th	.270	.283		76.4	71.7		
June -	.746	.690 <sup>1</sup>	60.0	64.5 <sup>3</sup>	59.0 <sup>1</sup>	46.7 <sup>1</sup>	71.3 <sup>1</sup>	39.8	10th	85.1	1st	.377	.357 <sup>3</sup>		72.5	58.6 <sup>3</sup>		
July -	.771	.744	67.9	72.4	66.2	53.3	79.1	40.5	9th	92.3	24th	.502	.509		73.5	65.2		
August -	.763	.745	68.2	72.3	67.8	57.3	78.3	45.0	28th	88.5	13th	.465	.485		66.8	60.6		
September	.888	.885	59.0	64.2	57.6	45.6	69.5	35.0	21st	82.4	2nd	.367	.390		73.5	65.0		
October -	.871	.833	50.1	53.1	50.0	39.6	60.3	26.0	31st	71.2	11th	.270	.285		75.3	70.5		
November	.667	.632	39.4	42.5	38.4	30.8	45.9	18.0	23rd	61.6	3rd	.201	.215		83.6	79.4		
December	29.581	29.532	29.9	32.9	29.3	22.2	36.4	3.7	24th	48.2	11th	.124	.140		74.9	75.7		
Year -	29.765	29.738	45.8	49.6	44.8	34.1	55.4	—	—	—	—	.265	.281		77.7	74.0		

NOTE.—Instruments removed to a new site at the beginning of June, presumably near, as no particulars of new position are given.

### HALIFAX, N.S. (A.M.D.).

1871.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.912	29.901	22.7	26.0	22.9	13.4	32.3	-13.6	26th	51.2	6th	.088	.098		73.5	70.0	
February -	.716	.688	21.3	26.4	22.3	14.1	30.5	-8.0	5th	48.6	25th	.072	.080		64.0	56.6	
March -	.765	.722	33.2	37.9	33.3	23.9	42.7	14.0	1st	55.8	10th	.153	.184		80.4	76.7	
April -	.669	.621	38.1	41.4	37.7	28.4	47.0	22.0	1st	66.2	21st	.187	.205		81.6	79.2	
May -	.693	.647	48.6	55.2	48.4	35.3	61.4	26.2	28th	88.0	30th	.240	.259		70.0	59.2	
June -	.722	.679	59.0	63.8	58.1	44.7	71.5	34.8	1st	79.4	9th, 14th	.380	.381		76.0	64.0	
July -	.781	.759	64.5	69.7	64.5	52.5	76.4	43.4	2nd	84.2	6th	.488	.527		80.6	69.2	
August -	.788	.743	64.4	69.1	63.7	52.6	74.8	42.3	23rd	84.0	2nd	.493	.485		81.6	67.6	
September -	.868	.829	56.8	61.7	56.1	45.0	67.1	32.7	23rd	81.0	3rd, 5th	.368	.368		78.2	67.5	
October -	.848	.807	50.0	53.6	48.8	38.4	59.1	27.0	25th	74.8	10th	.290	.290		75.2	75.2	
November -	.600	.540	32.6	36.1	32.5	24.9	40.0	7.0	29, 30	54.8	1st	.157	.157		78.9	78.9	
December -	29.770	29.740	24.8	28.0	25.1	15.7	34.4	-4.0	22nd	49.7	24th	.081	.110		61.1	71.5	
Year -	29.761	29.723	43.0	47.4	42.8	32.4	53.1	—	—	—	—	.250	.262		75.1	69.6	

### HALIFAX, N.S. (A.M.D.).

1872.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.627	29.586	23.7	27.2	23.6	15.1	32.0	-3.0	25th	46.0	5th	.079	.094		63.0	63.6	
February -	.625	.591	23.4	29.3	24.1	14.3	33.8	0.0	24th	44.3	20th	.072	.103		58.4	64.3	
March -	.575	.559	24.1	28.4	23.2	12.4	33.9	-8.9	6th	47.3	28th	.069	.093		53.8	60.0	
April -	.649	.619	40.7	43.8	38.3	27.8	48.8	16.3	6th	60.0	20th	.190	.200		75.0	71.6	
May -	.722	.693	49.4	52.2	48.4	36.2	60.5	25.7	1st	73.0	26th	.276	.283		77.8	72.5	
June -	.761	.736	58.6	63.2	58.4	45.8	70.9	35.2	2nd	89.6	30th	.413	.435		83.4	75.2	
July -	.793	.678	67.4	72.1	66.2	52.6	79.7	44.0	31st	90.2	1st	.487	.476		72.5	59.1	
August -	.832	.825	65.8	70.6	65.2	53.7	76.7	43.8	2nd	93.0	9th	.523	.519		83.5	69.0	
September -	.830	.806	60.8	64.1	59.3	48.3	70.2	38.7	11th	84.1	8th	.431	.424		81.6	72.6	
October -	.872	.842	50.9	53.9	49.5	38.7	60.3	28.9	31st	72.3	8th	.282	.305		77.0	73.7	
November -	.743	.728	38.4	41.3	37.4	28.7	46.0	17.9	18th	58.6	15th	.186	.195		80.6	75.5	
December -	29.744	29.704	22.3	25.3	22.1	13.1	31.1	-6.6	25th	48.0	2nd	.072	.074		60.6	61.8	
Year -	29.724	29.697	43.8	47.6	43.0	32.2	53.7	—	—	—	—	.257	.267		72.3	68.2	

### HALIFAX, N.S. (A.M.D.).

1873.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.850	29.817	23.6	27.3	23.7	13.1	34.3	-11.8	30th	53.9	16th	.076	.091		52.0	60.4	
February -	.612	.584	20.2	25.6	20.9	10.2	31.6	-10.1	3rd	44.0	8th	.065	.064		59.4	47.0	
March -	.638	.601	31.0	34.6	30.1	20.9	39.2	4.8	6th	51.3	31st	.133	.151		75.0	74.8	
April -	.680	.624	39.2	43.2	38.6	28.0	49.1	20.8	6th	61.0	25, 27	.192	.204		81.2	73.3	
May -	.811	.782	50.0	55.1	47.7	34.1	61.3	21.2	5th	76.2	27th	.255	.269		71.0	62.1	
June -	.777	.737	57.5	61.4	55.6	42.2	68.9	31.9	4th	83.3	26, 29	.346	.364		72.5	67.4	
July -	.849	.825	65.0	70.2	64.5	51.1	77.8	37.4	18th	89.3	24th	.482	.518		78.5	68.3	
August -	.909	.875	65.1	69.5	63.4	50.8	75.9	40.2	28th	84.9	31st	.480	.482		78.5	66.5	
September -	.924	.894	58.7	62.0	57.0	45.7	68.3	34.3	16th	81.8	28th	.398	.399		80.5	72.0	
October -	.975	.931	50.7	54.2	49.2	38.4	59.9	27.8	18th	69.0	19th	.312	.318		84.1	75.2	
November -	.693	.663	34.2	35.9	33.0	23.2	42.7	11.7	27th	58.4	1st	.158	.166		79.6	77.7	
December -	29.890	29.856	25.2	28.8	25.0	15.7	34.2	-2.0	16th	54.0	4th	.100	.117		73.6	74.8	
Year -	29.801	29.766	43.4	47.3	42.4	31.1	53.6	—	—	—	—	.250	.262		73.8	68.3	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

HALIFAX, N.S.

1870.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	7.4	5.4		7.800	1.700	3rd	—	9	0	0				—	—	—	—	—	—	—	—	—
February -	7.2	6.4		9.760	3.120	25th	—	9	1	0				—	—	—	—	—	—	—	—	—
March -	6.2	6.0		3.600	1.010	22nd	7	5	0	0				—	—	—	—	—	—	—	—	—
April -	6.4	5.0		4.480	1.220	20th	12	1	0	0				—	—	—	—	—	—	—	—	—
May -	6.0	5.1		4.410	1.200	27, 29	9	1	1	0				7	5	5	7	21	2	4	7	4
June -	5.7	4.0		2.530	1.200	22nd	5	0	0	1				—	—	—	—	—	—	—	—	—
July -	4.6	4.1		3.070	1.100	14th	12	0	0	1				—	—	—	—	—	—	—	—	—
August -	4.0	2.9		1.640	.840	5th	6	0	0	1				—	—	—	—	—	—	—	—	—
September -	5.0	4.4		4.420	3.040	19th	10	0	0	0				—	—	—	—	—	—	—	—	—
October -	5.4	5.0		4.960	1.250	2nd	9	0	0	2				17	9	1	6	4	7	6	11	1
November -	7.6	8.4		8.260	2.080	1st	17	4	1	0				15	0	0	1	12	6	9	12	6
December -	7.5	7.7		6.170	.830	7th	—	12	3	0				15	5	3	1	3	3	18	12	2
Year -	6.1	5.4		61.100	—	—	—	41	6	5				—	—	—	—	—	—	—	—	—

NOTE.—Instruments removed to a new site at the beginning of June, presumably near as no particulars of new position are given.

HALIFAX, N.S.

				ins.	ins.																	
1871.																						
January -	9.0	7.7		2.500	.870	7th	—	14	0	0				8	3	3	5	9	10	9	12	3
February -	7.2	6.5		2.250	1.400	19th	—	14	0	0				10	6	4	9	5	4	6	10	2
March -	7.5	8.0		5.160	1.530	19, 22	—	10	0	0				4	0	0	4	7	16	23	7	1
April -	8.2	8.0		4.320	.960	30th	17	9	0	0				7	0	2	4	12	13	12	7	3
May -	7.1	6.9		3.300	1.950	6th	13	1	1	1				16	1	0	4	0	5	24	10	2
June -	6.6	6.3		3.590	1.260	12th	13	0	0	4				6	1	0	1	11	9	25	6	1
July -	7.5	6.6		3.970	.910	8th	16	0	0	1				0	2	0	0	5	32	15	3	5
August -	7.5	7.0		4.280	1.170	6th	12	0	0	1				3	1	0	0	13	24	10	9	2
September -	5.7	5.8		5.780	1.540	6th	9	0	0	0				8	2	1	3	4	10	15	14	3
October -	6.9	6.3		5.070	1.920	8th	12	1	0	0				—	—	—	—	—	—	—	—	—
November -	7.9	7.4		4.420	1.200	25th	12	10	0	0				17	4	3	5	4	3	9	14	1
December -	8.3	7.9		3.930	1.200	5th	—	18	0	0				19	1	0	0	3	3	18	18	0
Year -	7.5	7.0		48.570	—	—	—	77	1	7				—	—	—	—	—	—	—	—	—

HALIFAX, N.S.

				ins.	ins.																	
1872.																						
January -	7.3	5.0		3.270	1.250	21st	—	13	1	0				35	2	0	0	4	5	5	11	0
February -	6.8	6.1		3.470	1.550	5th	—	8	0	0				35	3	2	2	2	3	2	9	0
March -	6.4	6.8		7.370	2.120	16th	—	14	0	0				52	1	0	2	2	2	0	3	0
April -	6.1	7.6		4.330	1.690	10th	9	4	2	0				22	10	0	3	9	5	1	10	0
May -	8.3	8.2		3.590	.550	28th	17	1	2	2				15	2	1	2	15	8	11	8	0
June -	8.0	7.0		6.290	1.800	1st	17	0	1	6				16	1	2	6	12	7	7	9	0
July -	6.4	5.2		3.110	.650	30th	10	0	0	4				22	0	2	4	10	2	6	16	0
August -	8.0	6.2		7.360	2.050	31st	10	0	0	0				5	2	0	6	12	9	6	22	0
September -	6.4	6.8		1.440	.340	16th	9	0	0	2				4	0	0	0	3	9	19	25	0
October -	5.9	5.4		4.720	.810	2nd	13	1	0	1				0	0	2	4	8	19	21	8	0
November -	8.0	6.7		8.500	2.610	8th	17	9	1	0				4	0	2	7	8	8	19	12	0
December -	7.1	6.7		6.980	1.710	9th	—	18	1	1				6	0	6	5	4	6	11	20	4
Year -	7.1	6.6		60.430	—	—	—	68	7	16				216	21	17	41	89	83	108	153	4

HALIFAX, N.S.

				ins.	ins.																	
1873.																						
January -	6.7	6.2		7.900	1.570	6th	18	10	0	0				12	1	2	4	6	15	4	14	4
February -	6.5	6.1		2.690	1.130	8th	15	11	0	0				24	0	0	0	10	3	9	5	5
March -	6.3	6.3		3.960	.670	30th	17	16	3	0				13	2	3	5	7	4	10	17	1
April -	7.0	7.6		3.610	.630	3rd	18	4	0	0				10	10	6	5	5	6	3	13	2
May -	5.6	5.1		3.190	1.040	12th	13	2	0	1				5	9	1	0	8	8	14	17	0
June -	6.2	6.2		3.340	1.230	15th	15	0	0	1				13	3	2	2	7	13	10	10	0
July -	6.5	5.5		4.490	1.680	10th	18	0	0	3				11	3	0	2	13	14	9	8	2
August -	6.4	6.1		4.150	1.500	25th	11	0	0	1				4	6	1	9	10	4	10	15	3
September -	6.3	6.6		4.600	2.310	5th	13	0	0	2				5	1	0	1	11	3	24	10	5
October -	6.2	6.0		8.010	2.010	8th	15	0	0	1				7	3	2	1	16	6	17	6	4
November -	6.7	6.6		10.160	3.220	13th	12	10	0	0				10	2	0	2	11	7	19	9	0
December -	6.9	5.9		5.020	1.480	27th	17	14	0	0				6	0	4	3	8	8	16	12	5
Year -	6.4	6.2		61.120	—	—	182	67	3	9				120	40	21	34	112	91	145	136	31



## HALIFAX, N.S. (A.M.D.).

Long. 63° 36' W. Lat. 44° 39' N. Height above Mean Sea Level, 125 feet.

1874.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	29.957	29.934	26.6	29.6	26.6	17.2	36.0	-15.7	27th	52.3	8th	.119	.135		83.0	82.0	
February -	.812	.771	19.6	24.9	19.9	10.0	29.8	-12.3	2nd	47.2	14th	.068	.086		65.0	64.1	
March -	.627	.588	32.2	35.6	31.1	19.8	42.4	-10.6	1st	57.1	26th	.139	.162		75.8	77.4	
April -	.766	.714	34.5	38.4	33.0	21.8	44.2	2.5	13th	58.0	15th	.158	.178		78.5	77.0	
May -	.739	.702	52.0	56.8	49.0	35.0	63.0	25.6	5th	79.8	14th	.264	.276		69.0	59.8	
June -	.709	.683	55.5	58.0	54.0	42.4	65.6	32.2	3rd	78.6	28th	.352	.360		80.0	75.0	
July -	.842	.808	64.1	69.2	63.0	49.5	76.5	39.0	3rd	87.0	15th	.472	.467		78.6	65.4	
August -	.819	.778	63.5	67.9	61.4	49.2	73.6	40.1	25th	82.2	11th	.462	.487		78.5	71.5	
September	.907	.868	58.4	63.5	57.5	46.2	68.8	36.7	23rd	79.4	10th	.413	.420		84.0	71.5	
October -	.844	.801	50.5	55.1	49.4	37.8	61.0	24.4	24th	71.3	9th	.304	.308		83.0	71.5	
November	.892	.843	37.1	40.4	36.4	26.6	46.2	11.3	23rd	59.6	4th	.179	.189		81.2	75.2	
December	29.830	29.770	26.4	29.6	26.3	16.6	36.0	-6.4	31st	52.7	7th	.124	.129		87.0	79.6	
Year -	29.812	29.772	43.4	47.4	42.3	31.0	53.6	—	—	—	—	.255	.266		78.6	72.5	

## HALIFAX, N.S. (A.M.D.).

1875.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.812	29.792	15.1	18.8	14.9	5.4	24.4	-7.6	21st	44.4	31st	.070	.067		82.3	66.8	
February -	.732	.701	17.9	22.7	18.7	7.2	30.2	-13.2	15th	47.9	25th	.084	.085		89.2	71.2	
March -	.858	.816	24.9	30.7	24.5	13.6	35.4	-4.3	24th	47.3	27th	.104	.139		79.6	79.6	
April -	.714	.673	36.5	40.3	34.7	23.6	45.7	14.3	21st	63.1	24th	.170	.188		79.5	75.2	
May -	.785	.757	50.4	53.6	47.6	34.4	60.8	23.1	9th	76.6	26th	.259	.273		70.6	66.0	
June -	.864	.825	60.9	64.7	58.2	42.8	73.6	29.4	2nd	83.4	22nd	.382	.393		72.4	63.2	
July -	29.779	29.755	63.1	66.8	61.5	49.8	73.2	43.0	4th	84.6	29th	.456	.444		78.5	68.0	
August -																	
September																	
October -																	
November																	
December																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## KINGSTON, C.W. (R.E.).

Long. 76° 31' W. Lat. 44° 14' N. Height above Mean Sea Level, 293 feet.

1853.	9.30 a.m. ins.	3.30 p.m. ins.	9.30 a.m. °	3.30 p.m. °	°	°	°	°	°	°	°	9.30 a.m. in.	3.30 p.m. in.	in.	9.30 a.m. %	3.30 p.m. %	%
January -																	
February -																	
March -																	
April -																	
May -																	
June -																	
July -																	
August -																	
September																	
October -																	
November	29.894	29.863	—	—	37.2	32.4	42.0	9.0	24th	56.0	12th	—	—		—	—	
December	29.658	29.634	—	—	25.5	20.0	31.0	-6.0	20th	45.0	11th	—	—		—	—	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## KINGSTON, C.W. (R.E.).

1854.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.731	29.702	—	—	19.5	12.5	26.4	-14.5	29th	50.0	13th	—	—		—	—	
February -	.808	.765 <sup>2</sup>	—	—	17.5 <sup>1</sup>	7.3	27.4 <sup>1</sup>	-10.0	3rd	43.0	2nd	—	—		—	—	
March -	.650	.597	—	—	29.0	22.9	35.1	8.0	18, 28	51.5	17th	—	—		—	—	
April -	.756 <sup>1</sup>	.727 <sup>1</sup>	—	—	38.3 <sup>1</sup>	31.7 <sup>1</sup>	44.8 <sup>1</sup>	10.0	16th	61.0	26th	—	—		—	—	
May -	.678 <sup>1</sup>	.641 <sup>1</sup>	—	—	54.2 <sup>1</sup>	43.2 <sup>1</sup>	65.1 <sup>1</sup>	30.0	6th	79.0	15th	—	—		—	—	
June -	.647	.608	—	—	63.0	54.4	71.6	39.0	1st	86.0	22nd	—	—		—	—	
July -	.718	.673	—	—	70.4	60.7	80.0	48.0	13th	87.0	20th, 21st	—	—		—	—	
August -	.719	.683	—	—	67.2	57.2	77.2	46.0	18th	89.5	25th	—	—		—	—	
September	.790	.742	—	—	57.8	48.0	67.5	29.0	21st	83.0	6th	—	—		—	—	
October -	.778	.741	—	—	46.9	39.4	54.4	25.0	20th	69.0	31st	—	—		—	—	
November	.522	.505	—	—	35.7	29.9	41.5	13.0	30th	63.0	1st	—	—		—	—	
December	29.651	29.636	—	—	17.5	10.3	24.7	-19.0	23rd	44.0	16th	—	—		—	—	
Year -	29.704	29.668	—	—	43.1	34.8	51.3	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.  
From July 1854 no observations were taken on Sundays at Kingston.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

HALIFAX, N.S.

1874.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm	
January -	8.5	7.2		ins. 6.940	ins. 1.780	15th	20	12	0	0				2	6	3	8	7	10	9	12	5	
February -	6.3	5.9		8.400	1.800	11th	18	11	0	0				7	3	4	1	7	6	18	7	3	
March -	5.0	5.9		3.690	1.900	5th	14	14	0	0				3	1	0	2	5	5	18	22	6	
April -	6.7	6.8		5.360	1.090	11th	18	17	2	0				1	0	1	8	5	10	20	9	6	
May -	5.5	5.7		4.570	1.750	17th	11	1	0	1				13	3	0	5	3	25	2	10	1	
June -	7.3	7.0		8.340	1.840	18th	19	0	0	2				6	6	3	15	7	12	2	9	0	
July -	6.5	5.3		2.370	.930	6th	11	0	0	0				1	5	1	6	7	27	3	11	1	
August -	6.2	5.8		3.630	1.040	30th	14	0	0	0				4	4	0	3	20	7	13	11	0	
September -	6.9	5.4		5.140	1.640	8th	12	0	0	0				9	8	0	10	9	10	4	10	0	
October -	6.5	6.3		2.460	1.040	19th	8	0	0	0				13	5	0	0	2	15	13	13	1	
November -	6.5	6.0		3.630	1.430	24th	9	5	0	1				10	3	0	1	4	6	14	18	4	
December -	7.3	6.8		6.230	1.890	8th	18	10	0	0				11	5	0	2	2	11	8	18	5	
Year -	6.6	6.2		60.760	—	—	172	70	2	4				80	49	12	61	78	144	124	150	32	

HALIFAX, N.S.

1875.				ins.	ins.																	
January -	6.0	5.4		9.270	2.860	8th	14	15	0	0				9	10	1	2	3	2	1	28	6
February -	5.8	5.4		8.400	2.120	9th	18	14	0	0				5	3	0	2	4	2	4	30	6
March -	5.6	5.6		3.190	.820	2nd	18	13	0	0				4	10	7	6	2	1	8	22	2
April -	7.1	6.6		3.050	1.770	18th	9	6	0	0				6	1	2	2	7	10	6	25	1
May -	5.7	6.5		3.720	1.920	19th	13	0	0	1				6	9	3	8	6	8	7	15	0
June -	6.1	6.0		4.260	2.260	19th	6	0	0	1				3	2	1	4	7	12	12	13	6
July -	6.5	6.3		7.690	2.460	17th	13	0	0	1				4	5	1	7	7	11	10	12	5
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

KINGSTON, C.W.

1853.	9.30 a.m.	3.30 p.m.		ins.	ins.																	
January -																						
February -																						
March -																						
April -																						
May -																						
June -																						
July -																						
August -																						
September -																						
October -																						
November -	6.6	6.8		1.450	.540	19th	7							5	4	3	1	9	0	6	2	0
December -	6.4	6.6		—	—	—	—							5	5	0	3	0	5	5	8	0
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1853 includes only the morning observations.

KINGSTON, C.W.

1854.				ins.	ins.																	
January -	5.5	5.0		1.833	—	—	—							4	5	3	1	4	2	9	3	0
February -	4.9	5.4		3.333	—	—	—							9	4	2	1	3	3	4	2	0
March -	4.3	4.5		3.557	.800	10th	—							4	1	2	1	3	5	11	4	0
April -	5.2 <sup>1</sup>	5.3 <sup>1</sup>		2.270	.710	26th	—															
May -	2.9 <sup>4</sup>	2.6 <sup>4</sup>		—	—	—	—															
June -	3.4	3.1		3.900	1.900	25th	10															
July -	1.6	2.2		0.680	.450	26th	3															
August -	3.0	3.8		1.410	.740	1st	4															
September -	5.0	4.4		4.010	1.580	15th	8															
October -	5.5	5.3		2.210	.810	9th	6															
November -	6.7	7.5		3.220	1.220	25th	7															
December -	7.0	7.0		—	—	—	0															
Year -	4.6	4.7		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.  
 The wind summary for 1854 includes only the morning observations.  
 From July 1854 no observations were taken on Sundays at Kingston.



**KINGSTON, C.W. (R.E.).**

Long. 76° 31' W. till March, then 76° 32' W. Lat. 44° 14' N.  
Height above Mean Sea Level, 293 feet till March, then 280 feet.

1855.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins. 29.719	ins. 29.700	° —	° —	° —	15.6 °	—	5.0 °	15th	—	—	in. —	in. —	in. —	% —	% —	% —
February -	.703	.676	—	—	13.3	4.6	22.0	—28.0	6th, 7th	40.0	19th	—	—	—	—	—	—
March -	29.614	29.546	—	—	26.7	19.0	34.4	4.0	10th	43.0	6th	—	—	—	—	—	—
April -																	
May -																	
June -																	
July -																	
August -																	
September -																	
October -																	
November -																	
December	29.710	29.718	23.9	27.0	26.3	21.5	31.0	— 9.0	29th	46.5	3rd	.137	.147		85.8	86.2	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

NOTE.—No observations taken on Sundays during 1855.

**KINGSTON, C.W. (R.E.).**

1856.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.735	29.687	11.5	17.0	14.0	7.9	20.1	— 9.0	25th	34.0	3rd	.086	.102		78.5	80.3	
February -	.524	.493	12.2	19.6	15.1	7.2	23.0	—18.5	13th	35.0	23rd	.055	.064		74.4	74.0	
March -	.628	.577	19.2	25.8	20.9	13.4	28.3	—12.5	9th, 10th	40.0	25th	.100	.127		72.8	75.9	
April -	.702	.641	40.1	46.3	41.2	32.6	49.8	10.0	1st	68.5	28th	.224	.271		80.3	75.0	
May -	.653	.604	49.6	54.3	51.8	40.9	62.6	33.0	5th	74.5	25th	.304	.357		81.5	78.1	
June -	.605	.569	61.3	66.8	62.6	54.2	70.9	44.5	1st	82.0	22nd	.447	.467		81.3	76.5	
July -	.663	.625	70.3	74.8	69.4	61.5	77.5	50.0	1st, 7th	86.0	12th	.638	.686		86.4	79.9	
August -	.593	.559	65.4	69.7	65.9	58.1	73.6	40.0	26th	88.5	2nd	.587	.629		88.0	86.5	
September -	.668	.602	57.4	63.2	59.6	51.5	67.7	41.0	25th	80.5	18th	.441	.509		88.4	86.8	
October -	.794	.738	45.3	50.7	47.5	39.8	55.1	24.5	24th	70.2	5th	.306	.346		91.9	87.7	
November -	.716	.669	34.5	37.3	35.6	29.1	42.0	15.0	30th	61.0	4th	.207	.224		90.2	88.8	
December -	29.732	29.650	15.4	20.8	19.6	10.9	28.3	—15.0	18th	42.0	12, 13	.099	.116		76.4	78.4	
Year -	29.668	29.612	40.2	45.5	41.9	33.9	49.9	—	—	—	—	.291	.325		82.5	80.7	

**KINGSTON, C.W. (R.E.).**

Long. 76° 32' W. till May, then 76° 30' W. Lat. 44° 14' N.  
Height above Mean Sea Level, 280 feet till May, then 294 feet.

1857.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.813	29.779	9.1	13.3	10.7	0.5	20.9	—29.0	23rd	34.5	27th	.084	.064		77.9	77.9	
February -	.771	.770	24.8	29.2	28.1	19.9	36.3	—10.0	3rd	51.0	18th	.153	.171		87.2	87.4	
March -	.675	.612	24.2	29.5	25.2	18.1	32.3	— 2.5	8th	46.0	30th	.145	.174		87.5	88.2	
April -	.617	.553	36.7	39.8	36.7	31.1	42.3	7.3	2nd	52.0	23rd	.210	.237		91.7	93.3	
May -	.604	.541	49.3	52.5	47.0	37.1	56.8	22.0	18th	77.0	26th	.317	.360		86.6	85.2	
June -	.510	.469	59.9	62.3	57.8	51.1	64.4	38.0	12th	78.0	29th	.448	.490		87.1	87.7	
July -	.688	.651	71.2	75.0	69.5	62.6	76.3	52.5	5th	85.5	15th	.665	.680		86.8	85.4	
August -	.646	.629	66.4	70.4	65.7	59.1	72.2	46.7	30th	84.0	15th	.568	.606		88.2	82.2	
September -	.787	.736	59.1	63.6	59.2	52.1	66.2	34.5	30th	76.8	5th	.443	.498		82.6	81.3	
October -	.758	.735	45.6	50.0	45.7	40.0	51.3	26.0	22nd	64.2	13th	.268	.298		80.9	77.6	
November -	.627	.603	36.1	38.6	35.9	29.6	42.2	— 2.0	25th	60.8	10th	.208	.224		83.9	85.1	
December -	29.729	29.711	28.1	30.8	29.2	22.7	35.6	1.0	25th	44.3	10th	.151	.163		79.7	81.8	
Year -	29.685	29.649	42.5	46.3	42.5	35.3	49.7	—	—	—	—	.305	.330		85.0	84.5	

**KINGSTON, C.W. (R.E.).**

1858.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.774	29.727	23.4	28.4	25.1	17.2	33.0	— 5.0	8th	47.8	1st	.134	.160		82.6	87.1	
February -	.708	.681	13.6	19.0	14.2	6.1	22.2	—11.0	19th	39.6	28th	.092	.116		84.4	83.9	
March -	.630	.606	26.6	31.8	26.9	19.0	34.7	—12.0	5th	49.8	18th	.151	.173		83.2	81.8	
April -	.616	.568	43.0	47.2	41.3	34.2	48.4	20.0	7th	62.3	5th	.237	.282		80.8	81.5	
May -	.712	.657	51.7	54.3	50.9	43.5	58.2	34.5	2, 3, 16	66.8	30th	.289	.308		71.1	69.9	
June -	.687	.631	66.8	69.7	65.2	58.6	71.7	47.3	2nd	86.9	29th	.522	.575		76.6	75.9	
July -	.705	.663	68.4	72.0	67.4	60.3	74.4	48.3	24th	83.9	9th	.577	.636		82.6	81.5	
August -	.710	.671	67.4	71.2	66.3	59.2	73.3	42.7	23rd	80.6	11th	.573	.639		83.4	82.1	
September -	.768	.717	60.5	64.3	60.1	54.0	66.2	34.0	23rd	80.2	11th	.445	.472		80.3	76.0	
October -	.751	.723	48.8	53.5	49.4	42.8	55.9	29.9	26th	70.0	4th	.308	.330		83.8	77.1	
November -	.671	.665	31.7	34.3	32.2	27.2	37.1	14.5	29th	55.2	1st	.168	.191		82.9	85.0	
December -	29.817	29.770	22.1	24.9	23.3	13.9	32.6	— 6.5	25th	56.9	17th	.130	.144		80.4	84.6	
Year -	29.712	29.673	43.7	47.6	43.5	36.3	50.6	—	—	—	—	.302	.336		81.0	80.5	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

KINGSTON, C.W.

1855.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Show.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	7°0	6°6		ins.	ins.	—	—															
February -	6°9	6°3		—	—	—	—															
March -	6°0	5°8		—	—	—	—															
April -																						
May -																						
June -																						
July -																						
August -																						
September -																						
October -																						
November -																						
December -	5°9	6°5		—	—	—	—															
Year -	—	—		—	—	—	—															

NOTE.—No observations taken on Sundays during 1855.

KINGSTON, C.W.

1856.				ins.	ins.																	
January -	6°5	6°1		—	—	—	—							6	14	2	0	3	11	17	9	0
February -	5°4	5°6 <sup>1</sup>		—	—	—	—							0	0	0	4	7	26	8	13	0
March -	4°9	4°7		—	—	—	—							2	3	2	5	3	22	11	14	0
April -	5°6	5°2		—	—	—	—							3	11	2	7	6	20	2	5	4
May -	6°1	5°0 <sup>1</sup>		4°040	1°700	18th	9							2	17	2	4	3	20	2	10	0
June -	6°3	5°8		1°840	°900	13th	6							0	8	2	3	5	38	0	3	1
July -	4°4	4°4		1°245	°600	15th	4							0	5	2	2	5	36	3	8	1
August -	5°3	6°5 <sup>1</sup>		2°045	1°040	20th	7							3	9	0	6	4	30	3	7	0
September -	5°5	5°8		4°590	1°500	6th	12							5	7	0	4	11	22	4	7	0
October -	4°9	4°5		0°700	°430	30th	3							9	8	0	3	8	21	10	3	0
November -	7°2	8°5		—	—	—	—							5	10	1	7	8	10	8	11	0
December -	6°3	6°6		—	—	—	—							9	8	3	2	2	7	17	14	0
Year -	5°7	5°7		—	—	—	—							44	100	16	47	65	263	85	104	6

KINGSTON, C.W.

1857.				ins.	ins.																	
January -	5°6	4°6		—	—	—	—							14	5	6	0	10	2	20	5	0
February -	7°8	7°4		—	—	—	—							7	3	3	7	8	8	14	6	0
March -	6°8	7°4		2°545	°660	6th	8							4	5	2	8	5	17	5	16	0
April -	5°7	6°7		2°370	°790	20th	4							2	10	1	3	10	25	1	8	0
May -	5°1	5°7		2°470	1°290	5th	10							0	10	2	13	6	25	2	4	0
June -	6°8	6°0		3°230	1°200	13th	12							3	3	6	9	6	30	1	2	0
July -	3°8	3°7		2°480	°900	29th	8							1	4	3	4	8	41	1	0	0
August -	5°3	5°6		5°050	1°160	13th	12							3	3	2	3	13	29	2	7	0
September -	4°5	4°5		1°660	°360	20th	8							7	7	3	2	13	21	3	4	0
October -	6°7	6°7		1°980	°510	16th	12							5	20	0	2	14	11	3	7	0
November -	6°5	7°6		—	—	—	—							2	3	1	1	7	32	13	1	0
December -	7°2	6°7		3°523	°890	16th	10							3	14	1	3	6	19	7	9	0
Year -	6°0	6°1		—	—	—	—							51	87	30	55	106	260	72	69	0

KINGSTON, C.W.

1858.				ins.	ins.																	
January -	6°0	6°1		—	—	—	—							4	12	3	1	13	13	3	13	0
February -	5°7	6°3		—	—	—	—							4	7	1	1	3	11	12	7	0
March -	5°0	5°4		—	—	—	—							9	6	4	1	3	21	12	6	0
April -	5°4	6°2		2°395	1°250	21st	7							4	4	7	3	6	22	8	6	0
May -	6°5	7°0		2°640	°650	18th	10							1	10	8	4	12	20	1	6	0
June -	5°0	5°2		3°060	°900	11th	13							3	10	4	4	6	26	6	1	0
July -	5°4	5°5		4°530	1°750	12, 13	9							3	21	3	3	7	21	2	2	0
August -	4°6	5°2		3°390	1°200	4th	12							4	5	7	6	10	22	5	3	0
September -	4°3	5°3		2°490	1°370	16th	8							4	1	4	3	12	23	8	5	0
October -	6°2	6°8		1°780	°270	14th	14							6	12	5	4	2	15	11	7	0
November -	8°0	7°8		1°482	°580	4th	8							5	9	11	1	0	1	12	21	0
December -	6°8	7°5		—	—	—	—							11	10	8	0	12	5	12	4	0
Year -	5°7	6°2		—	—	—	—							68	107	65	31	86	200	92	81	0

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## KINGSTON, C.W. (R.E.).

Long. 76° 30' W. Lat. 44° 14' N. Height above Mean Sea Level, 294 feet.

1859.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	29.772	29.738	18.9	23.4	21.3	13.7	28.8	-29.5	10th	47.8	15th	1.17	1.04		82.2	83.5		
February -	.714	.672	22.7	26.8	23.6	16.3	30.8	- 5.0	13th	42.8	21st	1.36	1.57		88.6	90.0		
March -	.565	.546	33.9	37.6	34.3	28.7	39.9	5.5	2nd	52.8	30th	2.03	2.31		92.7	92.1		
April -	.581	.560	37.8	42.5	38.1	32.0	44.2	20.0	9th	57.8	30th	2.28	2.68		91.5	91.1		
May -	.746	.706	55.2	59.8	55.6	47.0	64.1	38.5	23rd	77.0	26th	3.59	4.00		79.7	75.6		
June -	.688	.655	58.6	62.1	58.0	50.4	65.6	32.0	5th	80.0	28th	4.08	4.33		80.7	75.6		
July -	.698	.654	67.3	70.3	66.1	57.7	74.4	42.0	4th	85.0	14th	5.42	5.55		79.9	74.4		
August -	.662	.638	67.4	71.2	66.3	58.6	74.0	46.0	29th	83.0	12th	5.54	5.89		81.7	78.1		
September	.734	.684	55.5	59.3	55.9	49.1	62.7	28.0	15th	71.0	20th	3.88	4.16		83.7	85.7		
October -	.660	.665	42.7	46.7	43.3	35.7	50.8	17.0	26th	68.8	6th	2.61	2.94		80.9	82.6		
November	.814	.741	36.1	38.6	36.3	29.3	43.3	20.0	25th	58.0	6th	2.00	2.22		83.9	84.5		
December	29.799	29.753	15.4	18.2	16.7	7.1	26.2	-14.0	29th	49.0	1st	.094	1.02		76.8	72.8		
Year -	29.703	29.668	42.6	46.4	43.0	35.5	50.4	—	—	—	—	.291	.314		83.5	82.2		

## KINGSTON, C.W. (R.E.).

1860.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.713	29.655	19.4	22.5	21.6	13.4	29.8	-11.0	2nd	46.0	10th	1.09	1.21		78.9	80.2	
February -	755	685	18.4	24.0	18.3	9.7	26.8	-16.6	1st	47.3	23rd	1.06	1.58		84.3	83.3	
March -	581	533	30.9	34.8	31.0	24.7	37.3	8.0	13th	54.5	19th	1.63	2.04		80.8	84.8	
April -	666	630	39.2	44.7	37.0	27.2	46.7	13.0	2nd	61.0	30th	2.18	2.73		82.3	85.2	
May -	645	607	59.8	63.7	58.6	50.3	66.9	30.0	20th	74.5	15, 26	4.52	4.91		85.3	82.1	
June -	541	539	65.6	67.2	62.2	54.7	69.6	43.0	13th	76.0	17th	5.47	5.93		87.1	88.5	
July -	644 <sup>s</sup>	598 <sup>s</sup>	62.6 <sup>s</sup>	64.8 <sup>s</sup>	63.3 <sup>s</sup>	55.0 <sup>s</sup>	71.6 <sup>s</sup>	48.0	—	79.0	3rd	5.21 <sup>s</sup>	5.54 <sup>s</sup>		89.3 <sup>s</sup>	90.6 <sup>s</sup>	
August -	624	602	67.0	69.6	65.8	59.3	72.3	45.0	1st	82.0	8th, 9th	5.12	5.70		91.5	84.7	
September -	658	577	59.6	61.9	58.8	51.8	65.7	37.0	30th	78.0	8th	4.41	4.68		85.2	82.9	
October -	680	674	50.1	52.9	48.7	43.6	53.8	30.0	15th	67.0	2nd	3.29	3.62		87.8	88.2	
November -	583	567	37.8	40.1	39.6	33.9	45.3	15.0	26, 27	64.0	2nd	2.64	2.73		85.8	86.6	
December -	29.740	29.701	21.0	22.8	20.9	12.8	28.9	-5.0	15th	39.0	1st	1.10	1.10		72.3	76.5	
Year -	29.653	29.614	44.3	47.4	43.8	36.4	51.2	—	—	—	—	3.14	3.48		84.2	84.5	

## KINGSTON, C.W. (R.E.).

1861.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.748	29.702	13.1	18.3	—	5.9	—	-25.0	13, 14	—	—	0.83	1.02		77.7	78.4	
February -	668	642	22.3	25.3	20.3	12.9	27.6	-38.0	8th	44.5	13th	1.75	1.78		81.7	86.5	
March -	672	602	23.9	29.3	24.5	17.0	31.9	-8.7	18th	47.2	30th	1.35	1.66		83.8	87.1	
April -	676	617	42.6	45.3	41.2	34.2	48.2	21.0	1st	64.0	28th	2.56	2.95		85.9	91.4	
May -	29.607 <sup>1</sup>	29.583 <sup>1</sup>	46.3	52.3 <sup>1</sup>	48.1	41.5	54.7	25.5	2nd	69.0	26th	3.05	3.18 <sup>1</sup>		83.9	79.4 <sup>1</sup>	
June -																	
July -																	
August -																	
September -																	
October -																	
November -																	
December -																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## BERMUDA (ST. GEORGE'S) (R.E.).

Long. 64° 40' W. Lat. 32° 23' N. Height above Mean Sea Level, 123 feet.

1852.	ins.	ins.										in.	in.	in.	%	%	%
January -																	
February -																	
March -																	
April -																	
May -	29.947	29.912	74.4	74.9	72.5 <sup>1</sup>	66.3 <sup>1</sup>	78.4	55.0	5th	85.0	27, 30, 31	6.28	6.30		78.2	75.4	
June -	29.944	936	78.9	79.2	76.5	70.3	82.7	62.5	14th	88.0	29th	7.28	7.43		75.7	75.5	
July -	30.003	977	82.4	82.5	79.3	73.7	84.8	62.0	12th	88.0	4th	8.59	8.22		77.0	73.9	
August -	29.971	960	82.9	83.1	80.7	75.4	86.0	71.5	1st	90.5	31st	8.39	8.39		75.7	75.2	
September -	29.887	29.867	79.3	80.4	77.7	72.7	82.7	61.5	26th	85.8	4th	7.46	7.41		71.4	75.0	
October -																	
November -	29.831	29.803	69.8	69.8	68.9	64.1	73.7	55.0	21st	79.5	3rd, 9th	5.35	5.31		75.4	74.7	
December -	30.089	30.048	67.9	69.3	67.1	63.0	71.2	56.0	16th	79.0	10th	5.04	5.09		79.1	73.1	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

KINGSTON, C.W.

1859.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	7°0	7°3.		—	—	—	—							6	9	10	1	11	12	11	2	0		
February -	7°1	7°7		1°800	°500	6th	6							4	12	4	4	7	8	8	9	0		
March -	8°1	7°2		—	—	—	—							2	6	5	11	6	16	13	3	0		
April -	5°9	6°3		—	—	—	—							4	5	10	6	6	14	11	4	0		
May -	3°7	4°6		1°200	°600	28th	5							2	7	10	2	13	27	1	0	0		
June -	6°2	5°1		1°660	°400	16th	8							5	2	0	1	12	33	4	3	0		
July -	5°6	5°2		2°060	°600	3rd	9							5	5	3	2	9	30	4	4	0		
August -	4°5	5°1		2°670	°830	4th	10							2	3	5	5	10	25	4	8	0		
September	7°3	6°8		2°350	°750	20th	12							1	7	8	4	7	16	14	3	0		
October -	7°3	7°9		0°610	°260	14th	7							2	10	1	2	4	12	14	17	0		
November	6°6	8°4		—	—	—	—							7	9	5	4	13	7	10	5	0		
December	7°4	7°2		—	—	—	—							6	14	5	2	6	7	10	12	0		
Year -	6°4	6°6		—	—	—	—							46	89	66	44	104	207	104	70	0		

KINGSTON, C.W.

1860.			ins.	ins.																							
January -	7°1	7°7	—	—	—	—								7	5	2	2	14	14	12	6	0					
February -	6°5	7°2	4°710	1°333	16th	11								4	8	2	5	16	10	10	3	0					
March -	5°5	5°5	1°755	°500	23rd	9								6	3	3	4	12	12	10	12	0					
April -	5°1	3°9	0°997	°667	26th	5								7	9	2	0	11	19	8	4	0					
May -	4°5	4°8	2°480	°500	14th	10								2	5	7	12	6	19	7	4	0					
June -	4°6	5°2	1°955	°600	1st	6								8	2	0	0	19	22	6	3	0					
July -	4°5 <sup>6</sup>	5°1 <sup>3</sup>	3°230	°820	30th	8								—	—	—	—	—	—	—	—	—					
August -	4°0	4°0	4°160	°930	18th	12								6	2	1	7	11	21	7	7	0					
September -	5°6	5°4	5°060	°900	22nd	11								7	5	1	5	11	16	5	10	0					
October -	5°7	5°7	3°260	°900	10th	10								10	13	7	3	5	9	7	6	0					
November -	7°8	7°2	—	—	—	—								1	4	3	7	12	22	2	6	3					
December -	7°8	7°3	—	—	—	—								11	8	6	2	6	8	3	15	3					
Year -	5°7	5°8	—	—	—	—								—	—	—	—	—	—	—	—	—					

KINGSTON, C.W.

1861.				ins.	ins.																	
January -	8.2	8.2		2.250	1.000	24th	7						3	17	10	3	5	9	9	4	2	
February -	8.0	7.8		2.583	1.500	17th	6						5	7	3	5	8	9	12	3	4	
March -	5.6	6.2		—	—	—	—						3	4	4	5	10	11	19	5	1	
April -	5.6	6.7		2.973	1.667	2nd	7						4	3	9	8	9	21	4	2	0	
May -	6.3	6.0 <sup>1</sup>		2.380	.900	7th	10						4	1	6	2	13	16	16	4	0	
June -																						
July -																						
August -																						
September																						
October -																						
November																						
December																						
Year -	—	—		—	—	—	—						—	—	—	—	—	—	—	—	—	

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

BERMUDA (ST. GEORGE'S).

1852.				ins.	ius.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

NOTE.—The wind summary for Bermuda 1852 includes only the 9.30 a.m. observations.



## BERMUDA (ST. GEORGE'S) (R.E.).

Long. 64° 40' W. Lat. 32° 23' N. Height above Mean Sea Level, 123 feet.

1853.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	29.849	29.798	64.5	65.0	64.3	60.3	68.2	50.5	21st	74.5	9th, 11th	.432	.433		73.9	72.7		
February -	29.897	29.869	61.9	62.1	61.5	56.0	66.9	49.0	25, 26	72.5	8th	.385	.386		70.5	69.7		
March -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		
April -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		
May -	29.941	29.906	72.3	72.5	70.5	65.5	75.5	55.0	2nd	80.0	18, 26	.605	.613		78.1	78.5		
June -	29.943	29.920	78.8	78.3	76.3	70.9	81.7	65.0	14th	85.5	22, 24	.769	.723		77.0	79.2		
July -	30.072	30.055	82.9	82.5	80.3	73.8	86.7	70.8	4th, 12th	90.5	1st	.826	.829		78.5	75.7		
August -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		
September -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		
October -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		
November -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		
December -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		

(No observations)

## BERMUDA (ST. GEORGE'S) (R.E.).

1855.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	29.986	29.940	82.9 <sup>3</sup>	85.0 <sup>3</sup>	82.7 <sup>3</sup>	78.5 <sup>3</sup>	86.8 <sup>3</sup>	75.8	19, 31	91.0	18th	.869 <sup>3</sup>	.871 <sup>3</sup>		78.7 <sup>3</sup>	74.5 <sup>3</sup>	
September -	.960	.923	79.5	81.5	78.7	74.2	83.2	68.5	24th	87.0	4th, 17th	.732	.730		75.0	69.3	
October -	.898	.856	73.3	75.3	73.7	70.5	76.9	65.5	29, 30	81.0	7th, 12th	.692	.696		84.9	81.3	
November -	29.888	29.847	71.0	71.5	70.7	67.5	73.9	60.0	27th	78.0	9th	.635	.636		83.3	81.7	
December -	30.042	30.002	64.5	67.9	65.5	62.1	68.8	55.5	7th	72.5	24th	.517	.533		83.5	81.1	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## BERMUDA (ST. GEORGE'S) (R.E.).

1856.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.889	29.839	61.7	63.6	62.4	59.2	65.6	49.5	25th	74.0	4th	.474	.486		83.5	79.8	
February -	.802	.766	60.5	62.7	61.2	57.6	64.7	48.3	20th	71.0	18th	.458	.474		84.7	81.7	
March -	.822	.796	59.8	61.3	60.1	56.2	63.9	46.0	11th	69.5	4th	.435	.457		82.9	82.9	
April -	.951	.922	65.4	67.2	65.6	62.2	68.9	54.8	12th	73.0	19, 21	.556	.560		88.2	83.9	
May -	29.890	29.868	68.5 <sup>1</sup>	70.0 <sup>1</sup>	68.3	64.8	71.7	57.0	6th	76.8	30th	.629 <sup>1</sup>	.640 <sup>1</sup>		90.1 <sup>1</sup>	87.5 <sup>1</sup>	
June -	30.025	30.004	76.0	78.4	75.7	72.4	78.9	63.8	1st	82.0	21st	.760	.770		86.4	80.8	
July -	30.011	29.986	81.3	84.0	81.0	77.4	84.6	73.3	8th	89.3	30th	.834	.841		79.8	74.2	
August -	29.870	.849	81.0	84.2	81.2	77.6	84.8	73.6	18, 28	88.0	9, 13, 14	.840	.839		81.4	73.2	
September -	.914	.876	78.2	79.9	78.1	74.5	81.7	71.0	30th	86.0	2nd, 3rd	.769	.774		80.8	78.4	
October -	.945	.904 <sup>1</sup>	73.4	75.6 <sup>1</sup>	74.3	71.2	77.4	61.8	25th	82.6	2nd	.673	.697 <sup>1</sup>		82.2	78.0 <sup>1</sup>	
November -	.988	.945	66.7	68.2	67.4	64.1	70.6	58.8	20, 21	80.0	1st	.513	.514		77.8	73.7	
December -	29.968	29.932	62.5	63.6	62.7	59.2	66.1	47.2	19th	74.0	4th	.463	.482		79.5	78.9	
Year -	29.923	29.891	69.6	71.6	69.8	66.4	73.2	—	—	—	—	.617	.628		83.1	79.5	

## BERMUDA (ST. GEORGE'S) (R.E.).

1857.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.953 <sup>1</sup>	29.897	57.4 <sup>1</sup>	59.7	58.4	54.6	62.2	46.2	9th	71.5	1st	.389 <sup>1</sup>	.412		80.1 <sup>1</sup>	78.3	
February -	30.126	30.084	62.4	64.4	63.6	59.7	67.4	52.0	12th	72.0	10th	.487	.509		84.6	83.0	
March -	29.961	29.903	62.5	65.4	63.1	59.2	67.0	50.9	3rd	71.6	18, 20	.506	.525		87.3	83.2	
April -	.875	.849	63.7	65.8	63.7	60.0	67.3	53.0	1st	72.8	7th	.493	.511		82.0	79.8	
May -	.945	.924	70.9	72.2	70.4	66.8	73.9	60.7	14th	79.5	31st	.684	.681		90.3	87.2	
June -	29.929	29.907	76.0	78.6	76.3	72.5	80.0	67.0	7th	82.8	23rd	.759	.728		86.0	81.8	
July -	30.063	30.051	79.7	81.8	79.4	75.4	83.3	72.0	3rd	89.5	30th	.829	.791		84.6	80.0	
August -	30.013	29.988	80.6	83.6	81.3	76.9	85.6	73.8	23th	88.4	10th	.824	.827		80.6	74.2	
September -	29.999	.958	78.1	80.6	78.6	74.6	82.5	69.8	9th	86.0	25th	.790	.811		83.9	80.1	
October -	29.849	.810	71.8	73.6	72.4	69.1	75.6	61.0	23rd	80.2	17th	.668	.677		85.9	82.3	
November -	30.014	.974	68.9	69.7	69.4	66.0	72.8	57.0	28th	78.8	8th	.610	.627		89.1	85.5	
December -	30.037	29.981	66.6	67.7	66.8	64.6	68.9	54.8	28th	73.3	10th	.539	.550		82.2	79.8	
Year -	29.980	29.944	69.9	71.9	70.3	66.6	73.9	—	—	—	—	.632	.637		84.7	81.3	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BERMUDA.

1853.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	—	—	—	ins.	ins.	16th	19							1	3	0	4	1	11	3	8	0
February -	—	—	—	3'550	'440	19th	10							8	7	1	0	1	4	4	3	0
March -	—	—	—	—	—	—	—							—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—							—	—	—	—	—	—	—	—	—
May -	—	—	—	2'840	1'640	23rd	7							4	6	5	3	1	2	3	1	6
June -	—	—	—	7'390	2'500	26th	9							4	8	3	0	2	1	7	5	0
July -	—	—	—	3'864	1'300	7th	14							0	0	3	5	11	8	2	2	0
August -	—	—	—	—	—	—	—							—	—	—	—	—	—	—	—	—
September -	—	—	—	—	—	—	—							—	—	—	—	—	—	—	—	—
October -	—	—	—	—	—	—	—							—	—	—	—	—	—	—	—	—
November -	—	—	—	—	—	—	—							—	—	—	—	—	—	—	—	—
December -	—	—	—	—	—	—	—							—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1853 includes only the morning observations.

for the year 1854.)

BERMUDA.

1855.				ins.	ins.																	
January -	—	—	—	—	—	—																
February -	—	—	—	—	—	—																
March -	—	—	—	—	—	—																
April -	—	—	—	—	—	—																
May -	—	—	—	—	—	—																
June -	—	—	—	—	—	—																
July -	—	—	—	—	—	—																
August -	—	—	—	—	—	—								5	10	5	3	6	13	12	8	0
September -	—	—	—	2'180	'750	17th	7							10	17	6	5	2	9	5	6	0
October -	—	—	—	5'386	'990	1st	17							12	14	8	8	8	8	2	2	0
November -	—	—	—	2'745	'600	8th	12							5	18	6	12	3	10	1	5	0
December -	—	—	—	1'730	'610	10th	12							3	17	2	3	6	18	0	13	0
Year -	—	—	—	—	—	—	—							—	—	—	—	—	—	—	—	—

BERMUDA.

1856.				ins.	ins.																	
January -	—	—	—	2'105	'750	16th	14							9	0	1	1	4	16	16	15	0
February -	7'7	7'0	—	4'009	1'050	23rd	17							3	1	3	1	3	18	13	16	0
March -	7'4	6'8	—	3'245	1'000	14th	18							8	5	2	1	3	16	13	14	0
April -	5'9	5'0	—	4'180	'910	11th	11							11	10	6	1	10	11	4	7	0
May -	7'4	7'1	—	7'280	2'500	23rd	14							4	10	8	5	3	20	10	2	0
June -	5'3	5'4	—	1'310	'350	13th	6							0	12	2	3	14	18	8	3	0
July -	5'2	5'3	—	1'670	'650	8th	5							2	1	1	1	18	20	9	10	0
August -	5'3	5'5	—	2'535	'500	17th	15							1	0	2	1	3	26	19	10	0
September -	5'6	6'0	—	3'400	1'180	27th	12							5	26	6	2	6	10	2	3	0
October -	6'3	6'0	—	2'490	1'450	14th	10							11	20	5	4	1	11	5	5	0
November -	5'8	6'0	—	0'870	'330	11th	10							13	13	5	4	2	5	8	10	0
December -	6'9	6'7	—	1'115	'210	14, 24	13							10	5	1	1	6	11	12	16	0
Year -	—	—	—	34'209	—	—	145							77	103	42	25	73	182	119	111	0

BERMUDA.

1857.				ins.	ins.																	
January -	7'7 <sup>1</sup>	7'7	—	2'930	'550	4th	21							9	5	0	1	6	13	6	22	0
February -	6'7	6'6	—	0'810	'340	11th	8							5	20	9	7	2	6	3	4	0
March -	6'5	6'3	—	4'292	'910	20th	19							5	5	1	4	8	16	13	10	0
April -	6'7	6'5	—	3'760	1'170	12th	13							6	0	12	2	9	13	5	13	0
May -	6'4	7'1	—	4'660	'980	11th	13							4	8	8	10	7	16	4	5	0
June -	5'8	6'1	—	2'700	'650	15th	8							1	1	1	7	4	21	16	9	0
July -	4'7	4'9	—	1'500	'530	3rd	11							0	6	7	13	17	13	5	1	0
August -	4'8	4'5	—	4'160	1'580	26th	11							2	6	4	2	8	13	17	10	0
September -	4'7	4'5	—	2'040	1'100	9th	9							2	11	9	8	11	9	6	4	0
October -	7'6	7'6	—	7'272	2'000	31st	21							5	13	7	8	8	15	2	4	0
November -	7'3	7'9	—	4'670	1'180	19th	13							10	8	9	8	12	7	4	2	0
December -	6'6	6'8	—	4'247	1'270	3rd	13							10	7	10	3	8	12	8	4	0
Year -	6'3	6'4	—	43'041	—	—	160							59	90	77	73	100	154	89	88	0

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## BERMUDA (ST. GEORGE'S) (R.E.).

Long. 64° 40' W. Lat. 32° 23' N. Height above Mean Sea Level, 123 feet.

1858.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	30°033	29°983	62°7	64°0	62°6	60°1	65°0	54°4	9th	72°8	2nd	501	483		84°3	79°3	
February -	29°926	29°870	63°3	65°4	63°5	60°7	66°3	55°8	17th	72°0	14, 24	457	481		77°5	76°3	
March -	885	847	61°1	63°6	61°7	58°5	64°9	51°0	31st	70°0	3rd	430	452		77°5	74°4	
April -	949	913	65°0	67°2	65°2	61°7	68°6	55°0	29th	75°0	25th	528	544		84°4	80°8	
May -	29°979	29°945	67°9	70°1	67°9	64°7	71°1	56°0	6th	75°3	27th	579	594		83°9	80°8	
June -	30°028	30°003	73°9	76°9	73°8	70°3	77°2	64°5	1st	81°2	28th	718	716		84°4	76°7	
July -	008	29°977	76°1	79°3	—	—	—	—	—	—	—	783 <sup>1</sup>	791		84°9 <sup>1</sup>	78°8	
August -	30°001	977	79°3	83°1	—	—	—	—	—	—	—	832	823		82°4	72°6	
September	29°939	906	78°0	81°2	—	—	—	—	—	—	—	769	764		79°3	69°6	
October -	895	847 <sup>1</sup>	72°9	75°1 <sup>1</sup>	—	—	—	—	—	—	—	591	597 <sup>1</sup>		72°1	67°4 <sup>1</sup>	
November	29°863	29°815	68°3	70°0	—	—	—	—	—	—	—	555	560		79°6	75°4	
December	30°096	30°053	63°0	65°0	63°5	60°0	66°9	48°0	26th	73°3	1st	504	512		85°4	81°9	
Year -	29°967	29°928	69°3	71°7	—	—	—	—	—	—	—	604	610		81°3	76°2	

## BERMUDA (ST. GEORGE'S) (R.E.).

1859.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°124	30°067	61°9	64°4	62°7	59°2	66°2	48°9	11th	71°0	2nd	459	458		82°0	74°4	
February -	29°989	29°950	62°2	64°6	62°5	59°1	65°9	51°6	14th	71°0	27th	475	488		82°4	78°6	
March -	981	928	62°1	64°5	62°3	58°7	65°8	48°5	3rd	70°5	20, 31	435	451		77°6	72°9	
April -	905	872	64°8	67°2	64°9	61°3	68°4	51°6	7th	73°0	29th	493	511		79°4	75°9	
May -	29°918	29°891	71°9	74°3	71°8	68°6	75°0	64°3	6th	79°5	20, 22	712	719		90°8	84°2	
June -	30°110	30°071	75°4	78°6	75°1	70°8	79°4	66°3	8th	83°6	26th	725	744		81°2	76°4	
July -	29°998	29°969	77°6	79°9	77°6	74°2	80°9	70°0	12th	83°5	9th	785	751		81°7	78°7	
August -	30°012	978	78°6	81°5	79°1	75°2	83°0	72°6	17th	86°0	13th	818	825		83°9	77°5	
September -	29°970	941	77°9	80°2	78°1	74°6	81°6	70°2	27th	84°0	9th	822	836		85°4	76°7	
October -	29°898	836	72°4	74°5	72°9	69°3	76°4	61°5	25th	83°5	4th	682	654		83°4	75°4	
November -	30°019	962	68°7	69°6	68°5	65°5	71°4	55°5	25th	76°4	2nd	605	604		84°2	81°8	
December -	29°980	29°924	65°2	67°2	65°7	62°6	68°7	56°0	26th	75°0	9th	520	523		82°4	78°3	
Year -	29°992	29°949	69°9	72°2	70°1	66°6	73°6	—	—	—	—	628	630		82°9	77°6	

## BERMUDA (ST. GEORGE'S) (R.E.).

1860.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°073	30°027	64°2	66°9	65°0	61°6	68°4	53°0	4th	73°0	14th	499	520		80°6	76°8	
February -	30°019	29°972	62°1	64°9	62°8	59°0	66°6	50°5	14th	72°0	2nd	447	468		79°8	74°5	
March -	29°893	849	63°2	65°9	63°9	59°8	68°0	53°0	22nd	72°0	2nd, 10th	460	467		79°0	71°5	
April -	915	879	65°4	67°6	65°8	61°8	69°7	53°0	20th	74°0	23rd	476	492		75°3	71°1	
May -	878	851	68°5	71°5	68°2	64°3	72°1	60°0	26th	75°0	24, 29	538	557		77°6	70°5	
June -	29°865	842	72°2	74°4	72°1	69°1	75°1	65°0	4th	79°0	26th	690	708		85°4	82°7	
July -	30°007	987	78°6	80°2	78°8	75°2	82°4	72°0	29th	87°0	27th	833	833		85°2	78°9	
August -	29°935	915	79°1	81°9	80°0	76°2	83°7	74°0	14, 30, 31	86°0	12, 13	836	840		83°2	78°6	
September -	933	907	76°4	78°5	76°9	73°6	80°2	70°0	25th	85°0	8th	755	763		82°8	77°8	
October -	932	892	74°2	76°2	75°1	71°9	78°2	67°0	8th	82°0	13, 18, 22	712	716		83°2	77°4	
November -	838	797	67°8	69°5	68°6	65°5	71°7	59°0	26th	78°5	8th	570	541		77°8	73°8	
December -	29°912	29°874 <sup>1</sup>	62°5	64°5 <sup>1</sup>	64°0	60°8	67°1	54°0	28th	72°0	1st, 12th	454	447 <sup>1</sup>		79°2	72°9 <sup>1</sup>	
Year -	29°933	29°899	69°5	71°8	70°1	66°6	73°6	—	—	—	—	606	613		80°8	75°5	

## BERMUDA (ST. GEORGE'S) (R.E.).

1861.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°037	29°982	61°1	63°5	61°7	58°7	64°7	52°0	15, 24	72°0	28th	428	434		78°3	73°8	
February -	073	30°034	62°7	65°6	63°7	60°0	67°3	52°0	22nd	73°0	15th	485	496		82°8	77°8	
March -	30°029	29°980	62°5	66°0	63°2	59°2	67°2	53°0	9th	78°0	29th	424	444		74°5	68°3	
April -	29°926	893	64°0	66°8	64°4	60°5	68°3	52°0	6th, 8th	74°0	17th	433	463		71°9	69°1	
May -	904	882	69°0	71°5	69°0	65°3	72°7	58°0	4th	79°0	31st	566	581		81°7	74°8	
June -	29°969	29°942	73°8	76°8	74°2	70°3	78°0	64°0	4th	82°5	29th	711	745		84°4	77°6	
July -	30°043	30°027	79°2	82°3	79°9	75°5	84°2	70°5	2nd	88°0	31st	789	785		78°9	71°2	
August -	30°001	29°969	80°7	84°0	81°5	77°1	85°9	73°5	29th	89°5	3rd, 6th	783	786		76°4	68°0	
September -	29°980	945	78°9	82°5	80°4	75°8	84°9	73°0	18th	87°0	14th	752	765		75°9	68°5	
October -	935	896	75°0	78°2	76°4	72°6	80°1	66°0	29th	85°0	4th	709	716		81°2	73°2	
November -	794	739	67°2	69°3	67°8	64°2	71°3	54°5	27th	79°0	4th	482	504		71°6	67°1	
December -	29°988	29°931	62°0	63°7	63°1	59°7	66°4	50°0	31st	74°0	4th	427	422		75°8	69°6	
Year -	29°973	29°935	69°7	72°5	70°5	66°7	74°3	—	—	—	—	582	595		77°8	71°6	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BERMUDA.

1858.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	alm.		
				ins.	ins.																			
January -	7.5	6.5		4.070	.700	4th	20							5	17	7	5	3	12	6	7	0		
February -	5.6	5.6		4.440	1.800	25th	14							9	4	3	3	6	12	7	12	0		
March -	5.1	5.5		1.773	.600	10th	18							8	7	1	1	2	23	9	11	0		
April -	5.8	5.5		4.210	1.080	3rd	13							4	5	0	6	10	14	13	8	0		
May -	4.9	4.6		4.250	1.900	28th	9							4	7	6	4	14	15	5	7	0		
June -	3.4	3.3		0.385	.200	1st	6							1	5	12	10	11	3	11	7	0		
July -	5.7	5.0		6.123	2.150	23rd	16							2	3	6	15	6	21	6	3	0		
August -	4.5	4.8		5.735	1.890	11th	16							0	10	2	10	21	12	6	1	0		
September	5.2	5.3		5.625	2.650	11th	18							8	18	8	5	2	6	4	9	0		
October -	5.3	5.7 <sup>1</sup>		4.280	3.150	16th	10							8	12	11	8	5	5	7	6	0		
November	6.5	7.1		4.300	1.750	12th	21							9	1	1	2	2	22	12	11	0		
December	6.2	6.4		2.510	1.050	19th	14							9	5	5	2	8	17	5	11	0		
Year -	5.5	5.4		47.701	—	—	175							67	94	62	71	90	162	91	93	0		

BERMUDA.

1859.				ins.	ins.																			
January -	6.1	5.9		2.740	.930	9th	11							4	15	5	5	4	21	2	6	0		
February -	6.7	7.0		4.990	1.270	6th	19							10	3	2	5	7	19	4	6	0	0	
March -	6.6	6.9		1.910	.600	29th	13							9	8	1	4	4	17	7	12	0	0	
April -	7.1	6.6		1.560	.540	9th	16							7	2	1	2	3	18	17	10	0	0	
May -	6.6	6.5		2.940	.530	30th	18							2	10	9	19	11	8	3	0	0	0	
June -	3.9	4.4		2.550	1.750	27th	10							4	9	5	9	10	15	5	3	0	0	
July -	6.5	6.1		3.820	1.000	15th	21							6	2	2	7	8	16	18	3	0	0	
August -	5.2	5.6		3.860	1.000	17th	14							1	1	1	8	11	35	3	2	0	0	
September	6.1	6.4		7.490	2.950	27th	20							1	7	2	2	12	26	7	3	0	0	
October -	6.0	6.7		8.170	3.300	5th	18							7	9	6	4	9	10	5	12	0	0	
November	7.3	7.1		9.490	2.120	2nd	24							12	9	12	6	6	11	2	2	0	0	
December	7.9	7.2		3.550	1.150	23rd	18							6	14	5	4	6	11	3	13	0	0	
Year -	6.3	6.4		53.070	—	—	202							69	89	51	75	91	207	76	72	0		

BERMUDA.

1860.				ins.	ins.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## BERMUDA (ST. GEORGE'S) (R.E.).

Long. 64° 40' W. Lat. 32° 23' N. Height above Mean Sea Level, 123 feet.

1862.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.																
January -	30°031	29°965	63°4	65°6	63°8	60°4	67°2	53°0	28th	72°0	22, 23, 25	.484	.460	in.	%	%	%	
February -	29°956	.919	63°1	65°3	63°8	59°9	67°7	54°0	4th	73°0	18th	.475	.481	in.	82°2	77°9		
March -	29°837	29°801	61°5	63°1	62°0	58°7	65°3	52°5	1st, 9th	71°0	16, 18	.432	.434	in.	80°3	76°1		
April -															77°2	73°7		
May -																		
June -																		
July -																		
August -																		
September -																		
October -																		
November -																		
December -																		
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

## BERMUDA (ST. GEORGE'S) (A.M.D.).

Long. 64° 40' W. Lat. 32° 23' N. Height above Mean Sea Level, 61 feet.

1866.	9 a.m.	3 p.m.	9 a.m.	3 p.m.	°	°	°	°	°	°	°	9 a.m.	3 p.m.	in.	9 a.m.	3 p.m.	%
	ins.	ins.	ins.	ins.								ins.	ins.		ins.	ins.	
January -	30°123	30°067	64°9	66°2	63°4	56°5	70°3	41°0	9th	76°0	1, 20, 27	.464	.462	in.	75°	73°	%
February -	.206	30°166	65°0	66°0	63°1	57°0	69°2	46°5	26th	74°0	13, 14	.437	.457		69°	71°	
March -	.032	29°985	63°1	64°3	60°7	53°1	68°5	43°0	10th	75°3	16th	.399	.411		69°	68°	
April -	30°091 <sup>2</sup>	30°054 <sup>6</sup>	68°9 <sup>2</sup>	68°8 <sup>8</sup>	65°4 <sup>2</sup>	58°4 <sup>2</sup>	72°4 <sup>2</sup>	54°2	21st	76°0	10, 17, 30	.474 <sup>2</sup>	.463 <sup>6</sup>		66°	64°	
May -	29°931	29°912	72°3	73°4	69°6	62°9	76°3	55°2	5th	83°0	23rd	.603	.591		76°	72°	
June -	30°103	30°083	79°1	79°7	75°7	68°6	82°7	61°0	9th	87°7	27th	.705	.708		71°	70°	
July -	.075	30°058	82°0	82°3	78°8	72°1	85°4	67°0	3rd	90°1	19th	.780	.784		71°	71°	
August -	.017	29°999	82°2	82°3	78°6	71°4	85°8	67°0	12th	90°0	31st	.754	.745		69°	69°	
September -	30°047	30°009	83°1	83°7	79°2	71°8	86°6	66°0	10th	89°0	15th	.782	.768		69°	66°	
October -	29°948	29°912	76°5	75°9	72°8	65°5	80°0	56°0	5th	90°5	2nd	.593	.593		69°	66°	
November -	30°010	29°951	70°0	70°4	67°4	60°0	74°7	53°5	6th	80°0	5th	.508	.506		69°	68°	
December -	30°078	30°028	66°5	66°6	63°3	56°4	70°1	45°0	21st	77°0	6th	.429	.440		66°	68°	
Year -	30°035	30°019	72°8	73°3	69°8	62°8	76°8	—	—	—	—	.577	.577		69°9	68°8	

## BERMUDA (ST. GEORGE'S) (A.M.D.).

1867.	ins.	ins.	°	°	°	°	°	°	°	°	°	ins.	ins.	in.	°	°	%
	ins.	ins.	ins.	ins.								ins.	ins.		ins.	ins.	
January -	29°910	29°866	62°4	63°7	60°0 <sup>1</sup>	52°8 <sup>1</sup>	66°9	42°0	23rd	73°8	1st	.402	.401	in.	72°	69°	%
February -	30°193	30°137	64°9	66°2	61°8	55°6	68°9	46°0	28th	74°0	6th, 21st	.467	.444		76°	70°	
March -	29°951	29°911	66°0	66°4	63°2 <sup>2</sup>	56°3 <sup>2</sup>	69°9	49°0	29th	74°5	6th	.473	.479		74°	75°	
April -	30°072	30°047	67°0	68°5	64°6	56°8	72°3	50°6	14th	79°4	27th	.499	.452		75°	64°	
May -	29°987	29°976	73°6	74°2	69°9	62°2	77°5	56°0	19th	81°5	29th	.645	.601		80°	71°	
June -	30°111	30°089	77°3	78°0	74°5	66°0	82°9	58°0	12th	90°0	28th	.657	.665		70°	69°	
July -	.088	.074	80°6	81°4	77°5	70°2	84°7	64°0	23rd	89°8	13th	.782	.778		75°	73°	
August -	.110	.093	82°0	82°3	78°0	70°9	85°1	65°0	12th	89°6	19th	.817	.797		75°	73°	
September -	30°066	30°026	82°4	83°2	78°1	70°2	85°9	65°0	25th	90°5	9, 12	.787	.755		71°	66°	
October -	29°963	29°937	75°3	75°0	71°9	64°5	79°2	56°5	25th	84°5	12th	.568	.542		65°	62°	
November -	30°049	30°012	69°9	69°7	66°5	59°4	73°5	52°0	13th	79°0	4th	.459	.464		62°	64°	
December -	30°077	30°024	65°7	65°9	62°3	54°7	69°8	48°0	8th	74°0	29th	.448	.464		71°	73°	
Year -	30°048	30°016	72°3	72°9	69°0	61°6	76°4	—	—	—	—	.584	.570		72°2	69°1	

## BERMUDA (ST. GEORGE'S) (A.M.D.).

1868.	ins.	ins.	°	°	°	°	°	°	°	°	°	ins.	ins.	in.	°	°	%
	ins.	ins.	ins.	ins.								ins.	ins.		ins.	ins.	
January -	30°078	30°042	64°8	65°6	61°9	55°2	68°5	45°0	14th	73°0	1st, 29th	.453	.443	in.	75°	71°	%
February -	.102	30°067	63°6	63°6	60°2	52°5	67°8	44°5	8th	72°5	21st	.425	.439		73°	75°	
March -	.042	29°990	65°1	66°7	62°0	54°9	69°1	43°0	5, 22	75°0	11th	.470	.475		77°	72°	
April -	.138	30°115	69°2	70°3	65°9	58°7	73°0	53°0	6th	77°2	19th	.500	.513		70°	69°	
May -	.022	29°997	75°2	75°6	71°7	64°7	78°7	60°0	11, 12	81°8	5th	.691	.692		79°	78°	
June -	.138	30°126	79°3	79°8	75°4	68°0	82°7	64°0	1st, 2nd	89°0	24th	.748	.731		74°	71°	
July -	.067	.054	82°2	82°5	77°8	70°3	85°3	65°0	13th	88°5	9th	.756	.763		69°	68°	
August -	.122	.102	83°2	82°3	78°2	70°1	86°3	66°0	14th	89°2	5th	.776	.754		69°	68°	
September -	.047	.014	82°7	83°0	78°4	69°5	87°2	65°0	19, 20	91°0	16th	.734	.720		66°	63°	
October -	.043	30°003	78°7	78°4	74°5	66°7	82°2	57°0	31st	88°8	8th	.683	.668		70°	69°	
November -	.027	29°984	70°2	70°1	66°6	58°9	74°3	49°0	23rd	81°5	6th	.486	.457		66°	62°	
December -	30°053	30°011	65°6	65°7	62°5	55°3	69°6	48°0	25th	74°0	7th	.417	.439		67°	70°	
Year -	30°073	30°042	73°3	73°6	69°6	62°1	77°1	—	—	—	—	.595	.591		71°3	69°7	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

BERMUDA.

1862.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	5.3	4.7		ins. 0.910	ins. .480	6th	8							8	0	2	1	11	18	12	10	0
February -	5.1	5.1		1.140	.340	28th	9							9	3	2	0	7	22	5	8	0
March -	6.7	6.3		2.520	.800	25th	12							10	3	2	2	6	17	13	9	0
April -																						
May -																						
June -																						
July -																						
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

BERMUDA.

1866.	9 a.m.	3 p.m.		ins.	ins.																	
January -	7.8	8.2		2.010	.380	10th	19	0	0	0	—	—	—	4	0	0	0	2	7	3	3	12
February -	8.3	7.5		4.130	.970	8th	17	0	0	1	—	—	—	3	3	2	2	7	2	5	1	3
March -	6.6	7.0		3.120	.540	30th	25	0	0	0	—	—	—	7	3	2	2	2	1	6	8	0
April -	6.1 <sup>2</sup>	6.1 <sup>6</sup>		1.990	1.080	11th	8	0	0	0	—	—	—	3	3	1	2	3	6	3	3	6
May -	8.4	7.5		5.930	2.150	17th	15	0	0	3	—	—	—	1	1	2	0	4	8	5	3	7
June -	7.4	6.5		1.030	.570	25th	8	0	0	1	—	—	—	3	0	0	6	7	6	2	1	5
July -	7.6	8.0		3.460	1.540	1st	17	0	0	1	—	—	—	0	1	0	1	6	11	8	0	4
August -	7.0	6.8		3.770	.910	31st	15	0	0	3	—	—	—	0	0	0	0	10	10	4	0	7
September -	6.1	5.8		3.450	1.050	9th	10	0	0	2	—	—	—	1	2	1	4	2	1	3	0	16
October -	7.5	8.1		2.700	.860	23rd	14	0	0	0	—	—	—	4	4	1	3	5	4	2	0	8
November -	6.9	6.6		7.300	1.800	6th	16	0	0	1	—	—	—	4	4	3	0	4	1	2	1	11
December -	7.0	9.1		4.200	1.410	20th	16	0	0	0	—	—	—	6	1	0	1	4	3	5	2	9
Year -	7.2	7.3		43.090	—	—	180	0	0	13				36	22	12	21	56	60	48	22	88

NOTE.—The wind summary for 1866 includes only the morning observations.

BERMUDA.

1867.				ins.	ins.																	
January -	7.8	7.3		3.830	.520	22nd	22	0	2	1				2	1	0	0	2	10	12	4	0
February -	7.1	6.8		4.610	1.220	4th	12	0	0	1				6	3	3	1	6	3	3	0	0
March -	7.6	7.3		5.280	1.730	21st	15	0	0	0				5	2	3	1	3	6	8	3	0
April -	7.8	6.7		2.980	.800	12th	5	0	0	0				1	5	2	0	5	2	1	5	9
May -	5.7	6.1		3.120	1.030	23rd	10	0	0	1				1	1	0	5	2	11	0	3	8
June -	6.0	5.4		1.540	.700	10th	10	0	0	0				2	3	2	8	4	4	3	0	4
July -	5.6	5.8		11.970	4.000	23rd	13	0	0	2				0	1	0	3	3	22	1	1	0
August -	5.6	5.8		6.240	1.190	12th	20	0	0	3				0	2	1	13	7	8	0	0	0
September -	5.3	5.3		4.680	1.500	25th	16	0	0	1				0	7	0	7	3	6	4	1	2
October -	5.9	5.8		7.070	2.860	13th	16	0	0	0				1	13	2	4	1	5	0	2	3
November -	6.4	5.6		3.890	1.000	23rd	12	0	0	2				1	10	1	2	1	7	4	4	0
December -	6.7	5.9		2.690	.700	13th	16	0	0	1				3	4	0	1	0	14	2	4	3
Year -	6.5	6.2		57.900	—	—	167	0	2	12				22	52	14	45	37	98	38	30	29

NOTE.—The wind summary for 1867 includes only the morning observations.

BERMUDA.

1868.				ins.	ins.																	
January -	7.2	7.1		3.490	.700	16th	17	0	0	0				2	2	0	1	3	10	3	9	1
February -	7.7	7.3		5.200	1.450	15th	17	0	0	1				0	11	0	1	3	9	1	2	2
March -	7.4	7.2		6.900	3.560	30th	16	0	0	0				1	7	6	3	1	9	0	4	0
April -	6.2	6.4		0.680	.270	10th	6	0	0	0				2	4	0	9	2	9	0	2	2
May -	8.1	7.3		4.080	.830	27th	14	0	0	0				0	0	1	9	5	12	0	2	2
June -	6.2	5.5		6.390	2.910	14th	10	0	0	1				0	1	0	9	3	13	0	2	2
July -	6.1	6.0		4.510	.860	13th	10	0	0	1				1	1	0	6	6	10	0	1	6
August -	5.2	5.8		9.230	3.080	14th	11	0	0	3				2	10	0	3	4	8	0	0	4
September -	5.1	5.4		3.690	1.190	29th	8	0	0	0				2	9	1	1	0	9	1	0	7
October -	5.8	6.2		3.860	.850	24th	15	0	0	2				3	11	1	5	2	6	0	2	1
November -	7.5	6.8		4.120	1.220	15th	15	0	0	1				2	8	2	3	1	5	2	5	2
December -	7.8	7.5		3.720	1.270	21st	12	0	0	0				0	5	1	3	1	5	4	11	1
Year -	6.7	6.5		55.870	—	—	151	0	0	9				15	69	12	53	31	105	11	40	30

NOTE.—The wind summary for 1868 includes only the morning observations.

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## BERMUDA (ST. GEORGE'S) (A.M.D.).

Long. 64° 40' W. Lat. 32° 23' N. Height above Mean Sea Level, 61 feet.

1869.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	30° 116	30° 059	65° 4	66° 5	62° 9	56° 7	69° 0	48° 0	27th	73° 5	11th	·485	·474		78	73	
February -	·062	·017	64° 1	65° 2	61° 0	53° 5	68° 5	44° 0	8th	76° 8	22nd	·421	·430		70	70	
March -	·077	30° 050	65° 0	65° 6	60° 9	52° 7	69° 0	40° 8	7th	76° 0	17th	·420	·412		68	66	
April -	30° 015	29° 981	67° 1	67° 3	63° 0	55° 3	70° 7	44° 0	14th	76° 0	30th	·467	·465		70	69	
May -	29° 966	29° 951	73° 1	74° 0	68° 8	60° 8	76° 8	54° 0	3rd, 11th	83° 5	29th	·574	·581		71	69	
June -	30° 173	30° 151	80° 5	80° 9	75° 9	67° 2	84° 6	60° 0	10th	92° 0	22nd	·687	·677		65	64	
July -	·109	·093	84° 0	83° 3	79° 9	72° 0	87° 8	65° 5	7th	91° 8	20th	·821	·801		70	70	
August -	·052	·029	85° 1	85° 3	80° 4	71° 7	89° 1	67° 5	29th	93° 0	17th	·802	·803		66	66	
September -	30° 091	30° 063	80° 4	81° 1	76° 1	67° 9	84° 3	59° 0	30th	87° 8	5th	·709	·682		68	65	
October -	29° 972	29° 928	76° 3	76° 6	72° 4	64° 7	80° 1	52° 8	27th	85° 5	25th	·633	·662		70	68	
November -	30° 010	29° 974	68° 4	68° 9	65° 3	57° 7	72° 8	50° 0	1st	79° 0	12th	·460	·459		66	64	
December -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## BERMUDA (HAMILTON) (A.M.D.).

Long. 64° 47' W. Lat. 32° 18' N. Height above Mean Sea Level, 120 feet.

1870.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -																	
February -																	
March -																	
April -	29.882 <sup>1</sup>	29.861 <sup>1</sup>	69.7 <sup>1</sup>	71.0 <sup>1</sup>	66.8	58.9	74.6	47.8	14th	80.5	30th	.473 <sup>1</sup>	.476 <sup>1</sup>		65 <sup>1</sup>	62 <sup>1</sup>	
May -	29.962	.937	74.7	74.6	73.2	67.0	79.3	57.0	2nd	85.8	29, 30	.670	.671		77	78	
June -	30.003	29.977	81.1	81.8	78.6	70.9	86.3	66.0	24th	90.5	12th	.769	.776		73	71	
July -	30.073	30.058	85.8	88.2	83.3	74.6	91.9	71.0	31st	98.2	30th	.826	.802		65	60	
August -	29.958	29.926	84.9	86.4	82.3	73.7	90.9	70.5	2nd	98.2	14th	.761	.758		64	60	
September -	.915	.871	79.8	80.2	78.1	71.3	84.8	66.5	9th, 13th	97.2	5th	.715	.719		70	69	
October -	.950	.911	77.8	77.7	75.4	68.6	82.1	60.5	30th	89.5	6th	.649	.651		68	69	
November -	.944	.897	70.6	70.3	68.8	62.3	75.2	51.0	13th	80.0	16th	.503	.501		67	67	
December -	29.928	29.881	65.7	65.8	63.9	57.8	70.0	46.8	24th	76.5	6th	.428	.438		69	69	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## BERMUDA (HAMILTON) (A.M.D.).

1871.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.057	30.017	65.5	66.4	64.5	58.0	70.9	46.0	9th	77.0	24th	.449	.454		72	70	
February -	.028	29.989	65.3	66.4	64.0	56.9	71.0	50.8	24th	77.2	2nd	.417	.416		68	64	
March -	30.026	.992	67.3	68.7	65.4	58.1	72.7	50.0	26th	79.0	19th	.436	.450		65	63	
April -	29.883 <sup>6</sup>	29.870 <sup>6</sup>	70.9 <sup>6</sup>	71.9 <sup>6</sup>	67.8 <sup>6</sup>	60.2 <sup>6</sup>	75.4 <sup>6</sup>	52.0	3rd	80.0	12, 21, 22	.521 <sup>6</sup>	.548 <sup>6</sup>		68 <sup>6</sup>	69 <sup>6</sup>	
May -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
June -	29.995	29.973	82.0	83.4	78.6	70.1	87.1	62.5	1st	90.8	9th	.781	.773		72	67	
July -	30.018	.994	84.6	86.8	81.2	72.1	90.3	69.0	15th	95.0	13, 14	.814	.814		68	64	
August -	30.014	.984	85.4	86.2	81.7	72.6	90.8	69.0	2nd, 14th	95.2	22nd	.810	.810		66	63	
September -	29.928	.891	82.9	84.8	80.1	70.9	89.3	62.5	30th	97.0	5th	.786	.812		70	67	
October -	30.012	.985	76.9	76.6	73.6	66.2	81.0	59.5	1st	87.8	7th	.596	.593		64	65	
November -	29.849	.807	69.6	69.9	66.9 <sup>1</sup>	59.8 <sup>1</sup>	73.9 <sup>1</sup>	52.5	7th, 26th	81.0	2nd	.473	.480		65	66	
December -	30.009	29.949	68.1	67.6	66.6	59.0	74.1	50.5	6th	79.8	4th	.506	.514		73	76	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## BERMUDA (HAMILTON) (A.M.D.).

1872.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.902	29.862	64.1	66.0	64.3	57.6	70.9	50.5	31st	78.0	28th	.442	.417		74	58	
February -	.814	.761	64.3	65.9	64.2	57.8	70.6	47.5	23rd	77.0	9th	.421	.422		70	67	
March -	.855	.816	62.8	64.3	62.0	54.7	69.2	44.0	21st	76.0	27th	.377	.402		67	67	
April -	.938	.918	67.3	68.8	64.5	56.8	72.1	44.5	16th	78.5	13th	.441	.466		66	66	
May -	.992	.972	74.5	76.7	72.0	64.5	79.4	57.0	6th	87.0	31st	.586	.614		68	67	
June -	.940	.931	79.5	80.7	76.9	68.4	85.3	61.5	7th, 8th	89.5	15th	.740	.771		73	74	
July -	.970	.946	82.6	85.4	80.8	72.8	88.8	69.0	24th	92.8	7th, 14th	.792	.819		72	66	
August -	.925	.914	84.6	86.7	81.9	73.7	90.1	70.0	13, 20	94.2	20th	.814	.847		68	66	
September -	.873	.851	80.5	81.6	77.9	70.8	85.0	64.0	15th	92.5	9th	.675	.691		64	64	
October -	.812	.798	76.0	78.3	74.3	67.4	81.2	61.0	31st	85.0	13, 27, 28	.603	.631		68	65	
November -	29.918	29.900	71.9	72.4	70.0	63.5	76.5	57.8	11th	81.2	15, 19	.562	.576		71	72	
December -	30.040	30.007	67.5	67.5	65.2	59.1	71.3	53.0	29, 30	78.0	18, 20	.479	.474		71	71	
Year -	29.915	29.890	73.0	74.5	71.2	63.9	78.4	—	—	—	—	.578	.594		69.3	66.9	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

BERMUDA.

1869.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	8.1	7.4		ins.	ins.	18th	16	0	0	0				2	3	0	5	2	11	1	7	0	
February -	7.7	7.1		5.970	1.540	28th	15	0	0	1				3	1	0	2	2	11	2	6	1	
March -	6.6	6.3		4.850	2.500	5th	13	0	0	0				0	4	2	2	2	12	2	7	0	
April -	6.7	6.7		4.940	1.560	13th	13	0	0	0				2	1	0	1	3	11	5	6	1	
May -	5.6	5.4		3.860	2.360	23rd	7	0	0	1				1	2	0	3	1	17	3	3	1	
June -	4.4	4.8		0.970	.230	8th	7	0	0	0				2	1	2	4	8	10	0	3	0	
July -	5.5	5.7		3.800	.770	13th	13	0	0	3				1	1	1	6	1	17	2	2	0	
August -	4.4	4.6		2.540	.760	8th	7	0	0	3				1	6	0	2	2	15	1	2	2	
September -	5.9	5.4		6.220	1.440	30th	13	0	0	2				0	15	4	6	1	4	0	0	0	
October -	6.4	5.8		7.050	1.600	9th	8	0	0	0				0	6	3	7	3	5	1	6	0	
November -	7.1	6.3		5.880	1.630	1st	11	0	0	0				7	3	0	2	1	8	3	5	1	
December -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	

NOTE.—The wind summary for 1869 includes only the morning observations.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

BERMUDA.

				ins.	ins.																	
1870.																						
January -																						
February -																						
March -																						
April -	5.9 <sup>1</sup>	5.3 <sup>1</sup>		2.790	.570	4th	10	0	0	0				3	6	0	2	2	12	2	3	0
May -	8.0	8.2		4.870	1.870	9th	8	0	0	0				1	5	2	2	5	10	4	2	0
June -	6.6	6.7		3.430	.520	15th	15	0	0	1				0	0	1	1	5	8	8	3	4
July -	5.3	4.6		2.840	1.000	31st	7	0	0	3				0	0	0	2	4	13	4	4	4
August -	4.9	5.1		1.620	.530	17th	7	0	0	0				3	3	2	4	2	3	5	4	5
September -	7.1	7.0		5.900	1.280	8th	11	0	0	0				0	5	4	8	2	7	2	1	1
October -	5.5	5.4		1.470	.450	29th	6	0	0	0				1	8	2	5	4	6	3	2	0
November -	6.1	6.2		3.710	.770	23rd	9	0	0	1				8	5	1	2	1	6	0	7	0
December -	6.8	6.5		5.830	2.270	1st	11	0	1	0				4	1	0	2	1	7	3	11	2
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1870 includes only the morning observations.

BERMUDA.

				ins.	ins.																	
1871.																						
January -	5.3	5.5		1.590	.390	7th	9	0	0	0				6	4	4	2	1	6	1	3	4
February -	5.4	5.4		1.510	.390	14th	8	0	0	0				4	6	0	1	1	7	5	3	1
March -	6.1	5.7		1.590	.990	27th	6	0	0	0				3	6	1	3	2	8	2	6	0
April -	6.1 <sup>6</sup>	6.0 <sup>6</sup>		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
May -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
June -	5.9	5.3		2.770	.660	16th	8	0	0	1				2	1	0	1	1	16	5	2	2
July -	4.4	4.9		4.500	2.200	16th	9	0	0	2				0	1	0	2	7	17	1	3	0
August -	4.2	4.5		3.600	1.200	2nd	10	0	0	3				0	1	2	8	2	11	3	2	2
September -	5.2	5.3		5.040	1.500	29th	14	0	0	1				1	5	1	3	2	14	2	0	2
October -	4.8	4.8		3.820	1.920	13th	12	0	0	2				2	5	6	5	0	1	3	3	6
November -	5.8	6.1		5.050	1.360	4th	14	0	0	1				8	6	1	2	0	4	6	1	2
December -	5.4	5.8		6.260	1.940	16th	18	0	0	0				2	1	1	1	3	8	2	3	10
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1871 includes only the morning observations.

BERMUDA.

				ins.	ins.																	
1872.																						
January -	7.3	7.1		3.930	.860	21st	19	0	0	0				4	0	0	2	0	11	3	3	8
February -	7.4	7.0		4.290	.690	3rd	18	0	1	4				2	0	2	1	0	8	6	5	5
March -	7.5	7.3		5.980	1.340	4th	18	0	1	3				2	2	0	0	1	8	1	13	4
April -	6.6	6.8		6.400	1.850	21st	14	0	1	1				7	5	0	1	1	7	4	4	1
May -	6.4	6.7		1.200	.420	26th	8	0	0	1				3	1	1	1	4	13	3	1	4
June -	7.6	7.8		5.650	1.660	23rd	13	0	0	3				3	2	0	1	0	17	1	2	4
July -	7.1	6.7		9.540	2.790	21st	18	0	0	3				1	3	0	1	1	10	5	2	8
August -	5.9	6.4		6.940	3.080	13th	17	0	0	5				2	3	1	4	3	15	1	1	1
September -	6.1	6.2		4.890	1.080	12th	10	0	0	3				1	5	6	4	3	1	1	4	5
October -	7.0	6.2		6.190	2.350	10th	14	0	0	4				5	4	3	5	1	5	1	6	1
November -	7.3	7.7		4.100	1.150	30th	14	0	0	0				1	3	1	5	2	7	2	8	1
December -	8.4	7.2		7.790	2.510	13th	13	0	0	2				2	6	2	4	0	8	0	4	5
Year -	7.1	6.9		66.900	—	—	176	0	3	29				33	34	16	29	16	110	28	53	47

NOTE.—The wind summary for 1872 includes only the morning observations.  
NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## BERMUDA (HAMILTON) (A.M.D.).

Long. 64° 47' W. Lat. 32° 18' N. Height above Mean Sea Level, 120 feet till August, then 151 feet.

1873.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	30°047	30°017	67°8	69°4	66°7	61°3	72°1	51°0	12th	78°0	5th	531	533		78	74	
February -	29°887	29°855	63°9	63°5	61°9	54°8	69°0	42°2	12th	74°0	7, 13, 22	401	417		68	71	
March -	°990	°963	64°1	64°6	62°1	54°5	69°6	44°0	1, 6, 8	78°2	31st	419	429		70	71	
April -	°891	°867	69°2	71°2	67°8	60°8	74°8	53°6	29th	80°2	2nd, 3rd	512	544		72	70	
May -	°951	°931	71°7	72°9	70°4	62°9	77°9	54°0	2nd	85°6	30th	596	616		77	76	
June -	29°954	29°933	77°6	78°8	75°4	67°6	83°2	60°2	4th	89°0	20th	675	706		72	72	
July -	30°056	30°038	81°8	83°8	80°0	71°7	88°2	68°0	14th	91°8	21st	797	825		74	71	
August -	°003	29°991	83°3	87°0	81°2	72°4	90°0	65°6	8th	97°0	10th	796	870		70	68	
September	30°028 <sup>1</sup>	30°003 <sup>1</sup>	84°6 <sup>1</sup>	87°2 <sup>1</sup>	82°0 <sup>1</sup>	72°8 <sup>1</sup>	91°2 <sup>1</sup>	69°0	25th	96°8	4th	777 <sup>1</sup>	807 <sup>1</sup>		65 <sup>1</sup>	62 <sup>1</sup>	
October -	29°881	29°839	78°9	79°8	77°0	69°9	84°1	63°5	27th	91°8	3rd	675	686		68	67	
November	29°922	29°865	71°0	71°7	69°8	63°3	76°3	53°0	16th	83°6	8th	560	558		73	71	
December	30°070	30°026	66°7	67°6	65°4	58°8	71°9	51°0	10th	77°6	6th	469	464		71	69	
Year -	29°970	29°944	73°4	74°8	71°6	64°2	79°0	—	—	—	—	601	621		71°5	70°2	

## BERMUDA (HAMILTON) (A.M.D.).

1874.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°082	30°045	63°9	65°6	63°4	56°8	70°0	42°6	27th	76°8	14th	444	448		74	72	
February -	30°011	29°970	64°6	66°0	64°0	57°1	70°9	44°0	11th	80°6	23rd	450	458		75	72	
March -	29°911	29°872	63°8	66°5	62°9	55°9	69°9	46°5	11th	78°4	29, 31	422	429		71	66	
April -	30°044	30°016	70°6	72°4	68°5	60°9	76°1	47°0	14th	82°4	25th	520	519		69	65	
May -	29°979	29°952	73°6	75°4	71°2	63°2	79°2	56°2	1st	86°8	27th	574	581		70	66	
June -	29°998	29°977	79°1	80°9	76°6	68°6	84°6	64°0	24, 25	90°4	12th	689	710		69	67	
July -	30°062	30°033	84°4	85°5	80°6	71°4	89°8	69°0	27th	95°2	18th	794	786		66	63	
August -	29°966	29°949	82°0	84°8	80°4	72°8	88°0	69°4	7th	91°6	25th	839	863		77	72	
September -	29°929	29°892	77°7	80°1	76°6	69°9	83°3	64°0	27th	90°6	22nd	711	734		74	71	
October -	29°911	29°885	75°3	77°3	74°2	68°3	80°1	62°6	30th	87°0	4th, 11th	657	665		75	71	
November -	29°987	29°952	70°4	71°7	69°0	62°9	75°1	55°0	20th	81°2	13th	539	518		72	66	
December -	30°028	29°997	65°2	67°3	62°4	54°2	70°6	45°2	17th	76°4	8th	444	449		72	67	
Year -	29°992	29°962	72°6	74°5	70°8	63°5	78°1	—	—	—	—	590	597		72°0	68°2	

## BERMUDA (HAMILTON) (A.M.D.).

1875.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°075	30°036	64°7	67°1	64°2	57°8	70°6	50°0	2nd	78°0	8th	474	482		73	71	
February -	29°937	29°987	63°9	66°2	63°0	56°4	69°6	44°4	11th	77°8	4th	471	489		75	74	
March -	30°016	29°986	66°2	68°1	64°7	55°2	74°2	40°6	24th	84°0	29th	447	435		69	62	
April -	29°853	29°826	66°5	68°6	64°3	56°4	72°2	42°0	20th	80°0	17th	473	498		71	70	
May -	29°961	29°938	73°3	74°8	71°7	64°8	78°6	57°7	9th	83°4	23, 24	625	632		76	73	
June -	30°055	30°035	76°8	79°7	75°1	68°2	82°0	61°1	3rd	87°2	25, 29	695	686		75	67	
July -	30°028	30°017	81°1	84°0	79°6	73°4	85°8	67°7	4th	88°8	16th	782	792		74	67	
August -	30°034	30°017	85°0	86°6	83°2	76°2	90°2	71°2	31st	94°8	16th	809	815		66	64	
September -	29°933	29°896	80°8	83°1	79°4	72°9	85°8	67°2	24th	91°8	2nd	770	786		74	69	
October -	29°915	29°874	77°8	77°7	75°9	70°5	81°3	60°8	30th	89°0	2nd	719	710		74	74	
November -	29°935	29°885	70°0	70°9	69°3	64°0	74°6	56°6	20th	81°1	8th	507	517		69	66	
December -	29°955	29°905	65°5	67°2	65°1	59°6	70°6	50°8	21st	80°5	28th	464	454		73	66	
Year -	29°983	29°950	72°6	74°5	71°3	64°6	78°0	—	—	—	—	603	608		72°4	68°6	

## BERMUDA (HAMILTON) (A.M.D.).

1876.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°117	30°067	64°1	65°6	63°2	57°9	68°4	51°6	14th	75°7	31st	413	417		68	65	
February -	30°033	29°983	65°0	66°4	64°1	58°7	69°5	49°0	25th	75°3	5th	440	442		70	66	
March -	29°911	29°875	62°4	64°6	61°0	55°1	66°9	45°1	5th	73°3	17, 29	382	386		66	62	
April -	29°941	29°913	66°6	67°9	64°9	59°2	70°6	54°0	10th	79°3	25th	454	455		68	64	
May -	29°997	29°973	73°6	74°7	71°8	66°1	77°4	60°0	18th	85°1	29th	596	586		71	67	
June -	30°007	29°995	76°9	79°2	76°0	70°5	81°4	64°4	10th	86°1	30th	696	698		74	69	
July -	30°018	29°995	82°2	84°3	80°3	74°7	85°9	69°8	3rd, 9th	90°9	31st	781	797		71	67	
August -	29°941	29°914	82°6	84°3	81°2	75°3	87°0	70°4	23rd	93°3	14th	730	724		65	60	
September -	29°905	29°875	80°0	81°4	78°6	72°8	84°4	68°8	8th	88°3	1st, 2nd	753	763		73	72	
October -	29°868	29°829	77°3	77°2	75°2	70°1	80°3	61°8	29, 30	87°7	12th	679	673		71	70	
November -	29°822	29°771	70°9	70°5	68°7	63°5	73°9	55°2	26th	82°3	3rd	524	538		67	71	
December -	29°886	29°844	64°4	65°2	63°6	58°3	68°8	47°7	7th	75°3	15, 30	476	487		76	77	
Year -	29°954	29°920	72°2	73°4	70°7	65°2	76°2	—	—	—	—	577	581		70°0	67°5	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

## BERMUDA.

Thermometers, 2 feet above ground. Rain-gauge, on, or near the ground.

1873.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	8.3	7.2		5.540	1.980	20th	14	0	0		1			2	4	0	3	2	10	1	4	5	
February -	8.3	8.0		5.810	1.140	1st	19	0	0	0				3	5	0	1	0	12	5	2	0	
March -	8.0	8.0		7.120	2.760	13th	18	0	1		5			8	1	0	1	0	11	5	4	1	
April -	7.3	7.4		4.260	1.490	30th	15	0	1	1				2	5	0	0	1	9	5	8	0	
May -	7.5	7.1		6.900	1.360	21st	15	0	0	1				1	6	2	5	4	9	0	2	2	
June -	6.0	6.5		2.480	.680	26th	8	0	0		3			2	6	0	1	2	12	1	3	3	
July -	6.5	5.8		3.450	1.260	11th	13	0	0		3			1	0	0	8	3	11	2	2	4	
August -	6.8	6.3		2.570	.670	14th	12	0	0		2			0	5	2	2	2	13	2	2	3	
September	5.7 <sup>1</sup>	6.5 <sup>1</sup>		1.680	1.060	19th	7	0	0	0				2	2	4	7	1	10	1	1	2	
October -	6.5	7.0		2.300	.480	20th	15	0	0		1			3	7	1	5	3	9	1	0	2	
November	7.3	7.6		5.970	1.160	14th	23	0	0		4			0	7	0	2	0	9	3	7	2	
December	7.0	7.0		4.590	1.420	28th	17	0	0		1			2	7	2	5	2	8	2	2	1	
Year -	7.1	7.0		52.670	—	—	176	0	2	22				26	55	11	40	20	123	28	37	25	

NOTE.—The wind summary for 1873 includes only the morning observations.

## BERMUDA.

				ins.	ins.																	
1874.																						
January -	6.7	7.1		2.990	1.190	17th	16	0	0	0				3	8	1	7	1	2	3	3	3
February -	8.2	7.5		4.390	1.480	19th	14	0	1	0				4	2	0	9	1	7	1	3	1
March -	7.7	7.6		5.750	2.670	4th	19	0	2	2				2	5	1	3	2	7	7	4	0
April -	5.0	5.8		1.680	.570	12th	7	0	0	0				4	4	0	2	1	17	0	2	0
May -	6.0	6.3		1.820	1.110	7th	11	0	0	2				3	3	1	6	5	7	0	2	4
June -	6.8	6.0		3.680	1.600	3rd	9	0	0	4				0	0	2	4	0	16	1	6	1
July -	6.1	5.5		4.500	1.130	24th	13	0	0	5				0	1	0	7	5	14	1	2	1
August -	7.0	6.8		9.740	1.890	30th	20	0	0	3				0	2	1	1	4	19	1	2	1
September -	7.5	6.8		5.370	2.070	8th	18	0	0	5				1	9	3	2	1	4	0	6	4
October -	7.9	7.8		14.880	3.900	3rd	15	0	0	3				1	10	1	2	0	10	1	4	2
November -	7.3	7.1		5.610	2.580	5th	14	0	0	0				2	12	0	3	0	9	1	1	2
December -	8.0	7.3		2.900	.510	16th	15	0	0	0				4	10	0	2	0	6	1	5	3
Year -	7.0	6.8		63.310	—	—	171	0	3	24				24	66	10	48	20	118	17	40	22

NOTE.—The wind summary for 1874 includes only the morning observations.

## BERMUDA.

				ins.	ins.																	
1875.																						
January -	8.5	7.5		2.290	.430	13th	17	0	0	0				5	10	0	1	1	28	3	12	2
February -	7.8	7.6		2.210	.510	18th	15	0	0	0				4	8	1	8	2	18	3	9	3
March -	6.7	6.2		1.530	.560	30th	9	0	0	0				11	5	4	2	1	28	4	7	0
April -	6.6	6.2		4.090	1.290	29th	10	0	0	2				3	14	0	1	0	20	10	7	5
May -	6.3	6.1		5.910	1.880	20th	11	0	0	1				4	7	0	7	4	29	5	0	6
June -	5.9	4.8		2.070	.430	20th	12	0	0	0				2	18	1	2	0	28	8	1	0
July -	5.3	5.4		4.180	1.760	24th	9	0	0	2				2	5	0	10	2	23	6	14	0
August -	4.2	4.9		2.570	1.500	31st	9	0	0	0				2	2	1	27	10	13	2	5	0
September -	5.4	5.5		6.260	2.000	23rd	17	0	0	3				5	9	0	7	1	27	4	4	3
October -	5.7	6.5		7.670	2.000	12th	19	0	0	2				10	3	3	10	3	26	6	6	1
November -	5.6	5.8		1.870	.320	11, 30	13	0	0	0				5	12	4	5	2	16	6	9	1
December -	6.4	6.7		3.320	1.550	17th	10	0	0	1				7	7	2	2	1	15	6	9	13
Year -	6.2	6.1		43.970	—	—	151	0	0	11				60	100	16	82	27	271	57	83	34

## BERMUDA.

				ins.	ins.																	
1876.																						
January -	6.2	6.6		1.680	.480	25th	12	0	0	0				13	7	0	0	2	14	16	7	3
February -	5.8	6.4		3.570	.800	23rd	14	0	0	0				8	4	0	7	2	12	10	13	2
March -	7.2	5.7		5.590	1.150	29th	17	0	0	1				20	10	4	0	4	8	4	12	0
April -	7.0	5.9		3.340	1.020	18th	11	0	1	3				7	7	2	1	1	22	11	9	0
May -	6.2	5.9		5.030	3.820	30th	13	0	0	0				6	8	6	4	4	24	6	4	0
June -	6.2	6.1		7.590	2.120	7th	15	0	0	2				2	4	6	11	12	17	7	1	0
July -	5.7	4.6		3.410	1.310	16th	14	0	0	1				6	3	1	5	6	24	13	3	1
August -	5.6	5.3		0.580	.280	5th	10	0	0	1				7	17	1	6	3	8	14	5	1
September -	5.9	5.9		7.580	3.050	3rd	17	0	0	5				3	1	3	6	4	22	13	7	1
October -	5.8	5.6		5.980	2.350	1st	13	0	0	1				6	6	2	4	6	18	12	4	4
November -	5.9	6.2		4.200	1.100	25th	14	0	0	0				6	10	4	7	1	7	10	15	0
December -	7.1	7.9		7.260	1.330	25th	22	0	0	1				8	8	0	2	6	8	16	10	4
Year -	6.2	6.0		55.810	—	—	172	0	1	15				92	85	29	53	51	184	132	90	16

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## BERMUDA (HAMILTON) (A.M.D.).

Long. 64° 47' W. Lat. 32° 18' N. Height above Mean Sea Level, 151 feet.

1877.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	30°08.3	30°03.4	66°1	67°8	65°1	59°9	70°2	50°4	26th	76°9	21st	495	500		75	71	
February -	29°88.1	29°83.0	62°2	64°3	60°7	54°5	66°8	40°0	18th	72°3	13th	411	417		72	67	
March -	97.4	93.6	64°4	66°2	62°6	56°8	68°3	43°2	12th	75°3	24th	424	449		68	69	
April -	82.0	79.6	66°2	67°7	64°1	57°4	70°7	51°9	3rd, 18th	76°9	30th	462	476		71	67	
May -	29°87.6	29°85.2	68°9	70°3	67°4	61°7	73°0	53°6	3rd	79°3	22nd	523	539		72	71	
June -	30°02.2	30°00.0	77°4	78°7	75°8	69°9	81°6	62°4	5th	87°6	22nd	753	769		79	78	
July -	29°96.1	29°94.6	80°9	83°1	79°2	73°1	85°2	66°5	15th	88°3	30th	800	819		77	72	
August -	92.3	90.4	83°1	83°2	80°4	74°3	86°4	71°2	7th	90°3	21st	848	875		75	77	
September -	90.8	87.0	80°7	81°7	78°7	72°9	84°5	66°8	30th	89°7	9th	914	910		88	83	
October -	90.5	86.4	75°1	75°0	72°9	67°3	78°4	60°2	30th	85°5	5th	—	—		—	—	
November -	29°99.9	29°95.8	69°8	69°8	69°5	64°8	74°2	59°6	23rd	81°9	6th	518	525		70	71	
December -	30°00.2	29°93.4	62°8	63°0	62°4	57°2	67°5	52°8	16th	73°1	28th	389	394		68	68	
Year -	29°94.6	29°91.0	71°5	72°6	69°9	64°2	75°6	—	—	—	—	—	—		—	—	

## BERMUDA (HAMILTON) (A.M.D.).

1878.	ins.	ins.										in.	in.	in.	%	%	%
January -	29°97.7	29°93.6	61°2	62°3	61°2	56°7	65°6	49°0	2nd	72°1	22nd	400	404		73	70	
February -	86.0	81.3	61°9	63°5	61°5	56°3	66°6	44°0	20th	72°9	15th	407	435		72	71	
March -	96.6	92.7	62°9	63°9	62°0	56°5	67°5	50°3	2nd	73°5	13th	395	412		67	68	
April -	74.1	72.0	66°3	67°8	65°5	59°7	71°2	52°1	9th	79°3	29th	461	477		71	70	
May -	85.3	83.8	69°3	70°2	68°3	62°9	73°7	57°2	20th	78°6	28th	519	526		71	69	
June -	93.9	92.6	76°4	77°4	75°5	69°2	81°7	59°5	17th	88°6	28th	703	748		76	75	
July -	97.9	96.4	80°3	81°9	79°8	73°4	86°1	67°6	9th	91°7	28th	789	813		76	74	
August -	91.1	89.4	83°0	84°7	81°9	75°2	88°5	70°0	28th	93°3	3rd	839	845		74	70	
September -	94.9	90.8	80°5	80°0	79°0	73°4	84°5	66°8	30th	89°1	1st	737	732		70	70	
October -	84.4	80.0	75°5	76°2	74°2	68°5	79°8	61°0	26th	84°6	4th	613	610		68	66	
November -	91.1	87.5	69°7	69°9	69°0	64°1	73°9	57°8	6th	79°3	13th	496	492		67	66	
December -	29°94.1	29°89.2	64°2	64°9	63°9	59°4	68°3	53°1	29th	74°3	22nd	404	409		66	64	
Year -	29°90.6	29°87.4	70°9	71°9	70°1	64°6	75°6	—	—	—	—	564	575		70°9	69°4	

## BERMUDA (HAMILTON) (A.M.D.).

1879.	ins.	ins.										in.	in.	in.	%	%	%
January -	29°95.0	29°92.1	60°7	61°1	59°8	53°9	65°7	44°0	4th	73°3	2nd	391	380		72	69	
February -	91.5	86.8	61°2	63°1	61°4	56°1	66°7	43°8	22nd	73°9	17th	425	447		75	75	
March -	98.0	93.3	63°3	64°5	63°1	57°7	68°4	50°8	7th	74°6	24th	443	456		74	74	
April -	90.8	87.8	64°5	66°6	64°0	57°9	70°1	46°8	25th	75°7	16th	430	472		69	71	
May -	95.4	92.9	70°6	71°5	70°0	64°4	75°6	57°0	5th, 26th	80°9	23rd	580	580		76	74	
June -	97.3	95.7	76°4	77°7	75°2	68°3	82°0	59°0	9th	86°5	29th	686	704		74	74	
July -	97.4	95.7	79°8	81°8	79°4	72°1	86°7	67°0	3rd	94°5	29th	794	777		77	71	
August -	96.3	93.6	85°0	87°4	82°7	74°5	90°8	69°5	22nd	94°6	18th	852	844		70	64	
September -	98.5	95.0	82°1	82°1	80°0	73°3	86°7	69°0	7, 11, 14	91°1	22nd	766	772		73	70	
October -	29°97.1	29°92.4	75°6	75°5	74°0	68°1	79°8	58°0	26th	86°9	24th	631	635		70	71	
November -	30°03.3	29°98.6	69°8	69°6	68°4	63°5	73°2	55°5	5th	81°1	19th	582	619		79	79	
December -	30°11.2	30°06.8	68°1	69°4	67°2	61°5	72°9	50°5	1st	78°9	14th	577	580		83	80	
Year -	29°97.7	29°94.2	71°3	72°5	70°5	64°3	76°6	—	—	—	—	596	606		74°3	72°7	

## BERMUDA (HAMILTON) (A.M.D.).

1880.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°05.5	30°00.4	66°9	67°5	66°3	61°0	71°5	55°0	21st	76°9	9th, 10th	555	539		83	79	
February -	06.0	30°02.8	64°4	65°3	63°5	57°7	69°3	34°0	26th	76°9	14th	515	479		84	76	
March -	03.1	29°98.3	65°6	66°4	64°6	58°7	70°4	47°0	31st	79°1	12th	548	556		86	85	
April -	30°06.2	30°03.8	68°8	69°9	64°6	55°6	73°6	47°2	14th	78°9	26th	524	519		73	70	
May -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
June -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
July -	29°95.3	29°92.5	81°6	83°5	—	—	87°5	—	—	92°1	1st	822	798		76	69	
August -	94.4	93.0	81°0	81°9	—	—	86°0	—	—	99°5	28th	856	865		80	78	
September -	91.9	90.2	79°5	82°0	—	—	—	—	—	—	—	848	854		83	76	
October -	29°88.5	29°85.2	74°2	76°0	—	—	—	—	—	—	—	635	611		76	69	
November -	30°05.6	30°03.2	71°6	74°4	—	—	—	—	—	—	—	679	655		83	75	
December -	29°83.4	29°80.3	65°3	70°3	—	—	—	—	—	—	—	532	634		84	84	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on, or near the ground.

BERMUDA.

1877.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	5.3	5.0		ins. 2.460	ins. .600	24th	18	0	0	0				10	4	2	2	2	20	12	6	4	
February -	6.8	6.5		10.140	2.780	17th	18	0	0	3				8	12	4	4	2	10	8	6	2	
March -	5.8	5.7		6.280	2.300	23rd	13	0	0	0				8	6	4	10	8	14	8	4	0	
April -	6.3	5.0		2.150	1.680	13th	10	0	0	0				8	4	0	0	0	18	18	10	2	
May -	6.8	5.6		7.670	2.940	29th	12	0	0	2				10	6	2	2	2	20	4	10	6	
June -	6.2	5.9		6.760	3.660	24th	10	0	0	2				0	2	6	10	4	12	14	2	10	
July -	4.8	5.0		4.460	1.220	6th	18	0	0	3				4	2	2	12	2	16	8	6	10	
August -	5.4	6.0		9.190	2.300	3rd	20	0	0	2				4	6	4	2	12	26	4	2	2	
September	4.9	5.1		4.520	2.460	29th	14	0	0	2				6	12	4	12	2	14	0	2	8	
October -	6.3	6.6		1.370	.430	2nd	16	0	0	0				18	12	4	4	2	8	4	2	8	
November	6.7	6.0		7.110	2.950	17th	13	0	0	0				6	12	6	16	4	6	4	4	2	
December	7.0	6.2		3.230	.570	30th	19	0	0	1				16	12	2	2	4	6	8	8	4	
Year -	6.0	5.7		65.340	—	—	181	0	0	15				98	90	40	76	44	170	92	62	58	

BERMUDA.

1878.				ins.	ins.																	
January -	7.7	7.4		5.700	.980	31st	20	0	1	0				10	8	6	4	6	10	8	10	0
February -	6.8	6.6		7.510	2.600	10th	19	0	0	1				8	0	0	4	4	20	8	12	0
March -	6.3	6.8		4.310	.930	4th	12	0	0	1				16	6	4	2	4	16	2	12	0
April -	5.5	5.6		5.140	1.700	30th	14	0	0	2				6	4	2	8	8	12	8	12	0
May -	5.9	5.9		2.700	1.060	30th	13	0	0	3				16	2	2	4	2	10	6	10	0
June -	6.3	6.1		6.040	1.470	3rd	17	0	0	5				8	2	0	6	2	22	4	4	12
July -	6.3	5.8		5.960	1.960	24th	16	0	0	5				0	2	4	8	10	26	4	4	4
August -	4.6	4.7		8.020	2.300	27th	17	0	0	5				2	0	0	8	4	26	10	8	4
September -	4.5	5.1		7.390	3.520	29th	11	0	0	3				6	10	2	24	4	8	0	0	6
October -	5.0	4.7		4.440	2.620	12th	16	0	0	1				4	14	8	6	6	6	4	4	10
November -	6.8	6.2		6.200	2.580	21st	14	0	0	2				10	8	2	6	4	14	6	8	2
December -	6.3	5.7		3.390	1.050	10th	14	0	0	1				14	4	0	4	2	8	10	18	2
Year -	6.0	5.9		66.800	—	—	183	0	1	29				100	60	30	84	56	188	70	102	40

BERMUDA.

1879.				ins.	ins.																	
January -	6.5	7.1		5.250	1.710	6th	20	0	1	0				12	4	0	0	0	12	20	6	8
February -	7.5	7.2		7.420	1.720	28th	22	0	1	1				2	6	6	4	4	18	14	2	0
March -	6.7	5.5		4.040	.730	12th	16	0	0	5				14	8	6	4	6	14	6	4	0
April -	6.4	5.3		4.500	.830	8th	14	0	0	2				18	2	2	4	2	24	4	4	0
May -	6.2	5.6		4.500	2.250	21st	9	0	0	0				6	2	6	26	8	6	4	4	0
June -	6.5	6.0		4.640	1.180	22nd	14	0	0	2				4	10	2	12	4	22	4	2	0
July -	6.3	5.7		8.170	2.400	19th	14	0	0	4				2	5	3	9	2	30	6	4	1
August -	6.0	6.1		4.060	1.420	29th	13	0	0	2				2	1	0	9	2	37	3	2	6
September -	6.2	6.4		4.200	.800	8th	12	0	0	2				3	10	1	15	3	16	2	5	5
October -	5.8	5.8		2.680	.790	28th	9	0	0	0				6	30	3	8	2	3	0	9	1
November -	6.5	6.6		3.460	1.090	20th	12	0	0	0				3	24	1	3	2	5	3	12	7
December -	7.2	7.0		3.330	1.800	6th	12	0	0	0				2	12	3	8	1	22	2	5	7
Year -	6.5	6.2		56.250	—	—	167	0	2	18				74	114	33	102	36	209	68	59	35

BERMUDA.

1880.				ins.	ins.																	
January -	7.0	7.3		3.650	.770	18th	19	0	0	0				4	14	1	14	5	12	2	4	6
February -	5.8	7.6		4.610	1.170	19th	17	0	0	0				8	19	1	2	0	20	0	6	2
March -	7.1	7.6		3.090	1.050	30th	9	0	0	0				4	6	0	6	0	22	2	20	2
April -	6.1	7.8		0.770	.380	10th	5	0	0	0				4	14	0	0	0	20	2	10	10
May -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
June -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
July -	5.7	5.6		2.400	.930	30th	12	0	0	0				2	0	2	8	10	30	8	2	0
August -	6.0	6.0		4.470	.980	30th	9	0	0	2				4	6	2	20	4	12	10	4	0
September -	5.6	6.2		1.660	.330	27th	12	0	0	0				2	6	8	8	0	28	6	2	0
October -	7.7	6.0		5.140	1.750	17th	12	0	0	2				10	18	2	14	0	4	2	12	0
November -	7.3	7.4		4.580	2.050	17th	13	0	0	0				2	9	6	8	2	26	2	2	3
December -	6.2	6.5		4.280	.650	18th	13	0	0	1				0	1	0	3	1	24	9	19	5
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—



## BERMUDA (HAMILTON) (A.M.D.).

Long. 64° 47' W. Lat. 32° 18' N. Height above Mean Sea Level, 151 feet.

1881.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°		°	—	in.	in.	in.	%	%	%
January -	29.885	29.873	64.0	67.5	—	—	—	—	—	—	—	.522	.572	—	86	83	—
February -	.950	.905	62.0	65.6	—	—	68.5	—	—	73.0	14, 22	.486	.542	—	86	88	—
March -	.644	.603	62.1	65.2	—	—	67.4	—	—	73.0	4th, 15th	.498	.550	—	88	88	—
April -	.830	.818	65.9	68.3	—	—	71.3	—	—	75.0	10, 29	.546	.620	—	93	88	—
May -	.892	.866	72.7	76.0	70.9	—	78.8	—	—	87.0	27, 28	.775	.833	—	97	92	—
June -	.896	.881	78.7	81.5	74.0	—	82.8	—	—	86.5	21st	.937	1.025	—	96	95	—
July -	.912	.896	79.8	83.0	78.5	—	84.3	—	—	87.5	30th	.877	.941	—	86	83	—
August -	.934	.906	81.7	84.9	81.3	76.1	86.5	68.0	30th	90.0	25th	.810	.825	—	75	68	—
September -	.953	.924	80.5	84.7	79.8	72.9	86.7	67.0	21st	92.0	6th	.735	.772	—	71	65	—
October -	29.974	29.950	74.9	77.0	75.2	66.5	83.9	56.0	7, 8, 13	87.0	2nd	.649	.665	—	74	71	—
November -	30.063	30.029	71.5	72.6	70.7	65.1	76.3	60.0	18th	84.0	12th	.610	.596	—	78	75	—
December -	30.027	30.017	67.5	69.9	67.6	61.5	73.6	56.0	25th	79.0	4th	.571	.597	—	84	80	—
Year -	29.913	29.889	71.8	74.7	—	—	—	—	—	—	—	.668	.712	—	84.5	81.3	—

## BERMUDA (HAMILTON) (A.M.D.).

1882.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.083	30.064	64.7	67.8	64.8	58.7	70.9	45.0	30th	76.0	22nd	.540	.551	—	88	85	—
February -	30.027	30.012	65.6	67.1	64.9	58.7	71.1	46.0	22nd	75.0	15th	.556	.597	—	86	89	—
March -	29.911	29.881	62.4	64.6	62.7	54.8	70.5	40.0	15, 16	74.0	9, 15, 16	.382	.386	—	66	62	—
April -	.924	.907	69.0	71.7	66.0	57.6	74.4	49.0	3rd	78.0	14, 23, 30	.544	.577	—	77	73	—
May -	29.964	.956	73.0	75.5	70.3	63.4	77.1	50.0	6th	83.0	26th	.775	.814	—	95	91	—
June -	30.007	29.995	78.4	79.6	75.6	70.2	80.9	65.0	3rd, 10th	84.0	19, 26	.824	.817	—	85	83	—
July -	30.099	30.079	83.7	85.4	80.5	74.3	86.6	69.0	7th	90.0	17, 27	.787	.867	—	67	70	—
August -	29.997	29.998	82.1	84.8	80.6	73.8	87.3	62.0	19th	90.0	3, 15, 29	.878	.908	—	81	75	—
September -	.875	.866	80.1	82.6	—	—	84.6	—	—	90.0	3rd	.813	.879	—	81	78	—
October -	.907	.896	76.1	78.7	—	—	80.7	—	—	86.0	28th	.706	.789	—	80	80	—
November -	.830	.798	69.8	73.4	—	—	74.9	—	—	81.0	8th	.531	.605	—	72	75	—
December -	29.944	29.911	62.5	68.0	—	—	69.8	—	—	76.0	7th	.423	.488	—	75	69	—
Year -	29.964	29.947	72.3	74.9	—	—	77.4	—	—	—	—	.647	.690	—	79.4	77.5	—

## BERMUDA (HAMILTON) (A.M.D.).

1883.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.096	30.069	64.0	68.2	—	—	70.7	—	—	75.0	3rd	.490	.543	—	80	78	—
February -	30.139	30.103	65.2	68.6	—	—	70.2	—	—	78.0	26th	.468	.582	—	78	81	—
March -	29.896	29.872	62.6	67.3	—	—	70.0	—	—	75.0	23rd	.487	.544	—	84	80	—
April -	.886	.863	67.8	72.8	—	—	72.9	—	—	77.0	19, 24, 25	.613	.708	—	90	86	—
May -	29.872	.829	72.6	73.2	—	—	76.0	—	—	87.6	30th	.605	.666	—	80	79	—
June -	30.020	.970	78.3	76.6	—	—	83.2	—	—	80.2	6th	.725	.727	—	75	80	—
July -	29.970	.915	80.6	79.2	—	—	85.0	—	—	91.2	3rd	.773	.750	—	74	74	—
August -	.957	.927	82.7	83.0	—	—	87.1	—	—	90.2	15th	.851	.865	—	77	78	—
September -	.947	.879	81.9	81.7	—	—	86.8	—	—	90.2	17th	.764	.759	—	70	70	—
October -	.819	.803	76.0	77.5	—	—	81.4	—	—	85.6	26th	.677	.680	—	75	74	—
November -	.963	.936	69.5	70.8	—	—	74.8	—	—	80.2	16th	.566	.583	—	77	75	—
December -	29.939	29.924	65.5	65.8	—	—	70.6	—	—	76.2	11th	.501	.502	—	80	79	—
Year -	29.959	29.924	72.2	73.7	—	—	77.4	—	—	—	—	.627	.659	—	78.3	77.8	—

## BERMUDA (HAMILTON) (A.M.D.).

1884.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.043	30.016	64.2	65.2	—	—	69.6	—	—	74.6	20th	.493	.506	—	81	81	—
February -	30.038	30.022	65.9	66.6	—	—	71.3	—	—	75.8	10th	.490	.503	—	76	77	—
March -	29.975	29.942	64.1	64.2	—	—	71.8	—	—	77.2	9th	.478	.472	—	80	77	—
April -	.720	.718	66.1	66.6	—	—	71.2	—	—	75.2	6th	.515	.519	—	80	80	—
May -	.922	.910	74.2	74.9	—	—	78.0	—	—	83.4	26th	.707	.716	—	83	81	—
June -	.924	.926	79.0	79.6	—	—	82.9	—	—	86.5	23rd	.836	.871	—	85	87	—
July -	.926	.922	79.6	79.7	—	—	85.1	—	—	87.8	10th	.818	.833	—	81	81	—
August -	.984	.962	81.7	82.2	—	—	87.0	—	—	80.6	11, 18	.836	.869	—	77	80	—
September -	.891	.879	81.9	81.7	—	—	86.8	—	—	90.2	14th	.764	.759	—	70	70	—
October -	.849	.848	76.0	76.2	—	—	81.5	—	—	85.4	18, 19	.776	.788	—	86	86	—
November -	29.944	.928	68.6	68.9	—	—	74.9	—	—	79.5	12th	.592	.597	—	85	84	—
December -	30.001	29.995	67.3	65.9	—	—	71.4	—	—	77.4	27th	.571	.548	—	85	86	—
Year -	29.935	29.922	72.4	72.6	—	—	77.6	—	—	—	—	.656	.665	—	80.8	80.8	—

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BERMUDA.

1881.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	7.0	7.3		3.100	1.300	25th	10	0	0	0				10	8	0	2	0	22	4	16	0
February -	6.3	6.9		3.470	.800	22nd	11	0	0	0				4	16	6	2	4	10	4	4	6
March -	6.8	7.1		7.680	1.250	2nd	19	0	0	3				4	0	2	2	4	14	24	12	0
April -	6.5	6.4		3.320	.650	14th	16	0	0	1				2	2	2	6	2	20	14	12	0
May -	6.7	6.5		3.210	1.400	7th	7	0	0	0				1	19	2	19	1	13	2	5	0
June -	6.1	5.8		9.240	2.300	5th	11	0	0	0				2	4	3	5	5	24	8	4	5
July -	6.8	6.8		6.950	2.470	19th	10	0	0	3				0	0	0	7	1	39	11	4	0
August -	5.6	6.1		5.490	1.520	21st	10	0	0	6				0	6	0	18	4	33	1	0	0
September -	6.3	6.6		4.720	2.520	21st	4	0	0	0				2	35	4	6	2	7	2	2	0
October -	6.2	5.5		3.170	1.450	12th	8	0	0	0				0	27	8	12	0	11	0	4	0
November -	6.5	6.9		2.430	.600	26th	9	0	0	0				0	20	4	11	1	21	0	3	0
December -	6.6	6.8		6.700	2.800	7th	7	0	0	3				0	28	1	7	0	22	4	0	0
Year -	6.5	6.6		59.480	—	—	122	0	0	16				25	165	32	97	24	236	74	66	11

BERMUDA.

				ins.	ins.																	
1882.																						
January -	6.9	6.4		2.700	2.500	2nd	2	0	0	0				5	19	0	6	1	23	1	7	0
February -	7.0	6.5		4.680	2.300	11th	8	0	0	0				0	21	0	3	0	20	2	10	0
March -	6.8	6.8		6.360	2.500	6th	9	0	0	2				3	15	0	11	1	16	2	14	0
April -	6.5	6.3		3.110	.800	14th	9	0	0	0				3	11	0	7	0	19	0	20	0
May -	6.5	6.8		5.730	1.840	18th	9	0	0	1				2	11	1	4	4	28	2	10	0
June -	5.9	6.2		3.670	.920	1st	9	0	0	0				1	14	1	7	3	20	2	12	0
July -	5.4	5.0		2.570	1.350	9th	8	0	0	3				0	5	0	7	1	39	0	10	0
August -	6.7	6.2		5.480	2.300	30th	10	0	0	0				1	15	1	6	0	24	1	14	0
September -	6.2	6.3		6.170	2.020	26th	11	0	0	1				0	26	2	24	0	4	0	4	0
October -	6.3	6.5		7.820	2.000	31st	12	0	0	1				1	13	0	21	1	19	0	7	0
November -	7.1	6.0		5.970	1.840	15th	16	0	0	1				6	20	2	9	0	13	0	10	0
December -	7.3	5.8		2.770	.720	14th	11	0	0	1				12	26	1	1	2	12	2	6	0
Year -	6.6	6.2		58.030	—	—	114	0	0	10				34	196	8	106	13	237	12	124	0

BERMUDA.

				ins.	ins.																	
1883.																						
January -	6.3	5.9		2.060	.580	23rd	13	0	0	0				5	18	0	3	3	22	6	5	0
February -	6.4	6.3		1.310	.630	25th	6	0	0	0				2	12	3	5	0	15	11	8	0
March -	7.6	6.6		6.110	1.030	3rd	17	0	0	2				4	13	2	7	2	19	2	13	0
April -	6.8	5.6		3.720	1.280	25th	11	0	0	0				2	12	0	9	3	25	1	8	0
May -	6.8	5.8		5.990	.960	16th	11	0	0	2				0	11	1	17	1	30	0	2	0
June -	5.1	5.5		3.190	1.700	25th	13	0	0	0				1	2	1	11	4	29	8	4	0
July -	5.8	5.2		5.740	1.300	13th	15	0	0	4				2	4	2	4	2	38	6	4	0
August -	5.3	4.4		3.320	.840	8th	13	0	0	3				0	0	3	6	5	25	23	0	0
September -	5.4	5.4		3.220	.750	30th	13	0	0	3				0	5	2	15	6	25	5	2	0
October -	6.2	5.5		10.410	3.500	26th	21	0	0	4				0	18	1	10	3	17	6	7	0
November -	5.6	5.3		1.710	.720	1st	12	0	0	0				6	18	8	8	6	6	4	4	0
December -	5.5	4.9		4.480	2.300	2nd	10	0	0	1				8	16	2	4	3	13	14	2	0
Year -	6.1	5.5		51.260	—	—	155	0	0	19				30	129	25	99	38	264	86	59	0

BERMUDA.

				ins.	ins.																	
1884.																						
January -	6.2	6.1		2.870	.480	29th	13	0	0	1				11	8	4	4	7	13	12	3	0
February -	5.7	5.0		3.610	1.240	16th	11	0	0	1				4	10	12	0	6	16	4	4	0
March -	6.9	6.7		3.200	.700	1st	10	0	0	3				10	4	0	6	4	26	4	8	0
April -	7.2	7.1		3.910	.560	3rd	14	0	0	3				4	4	0	4	6	14	18	10	0
May -	6.2	6.7		3.250	1.580	16th	6	0	0	1				10	6	4	6	6	14	10	6	0
June -	6.3	6.2		2.380	1.100	3rd	5	0	0	1				0	4	0	14	6	20	10	6	0
July -	7.0	6.9		4.120	1.420	21st	5	0	0	0				0	8	0	24	6	16	4	4	0
August -	6.1	5.4		5.900	2.000	18th	13	0	0	6				0	2	2	20	6	24	6	2	0
September -	6.2	6.3		1.500	1.000	12th	3	0	0	0				6	6	0	20	10	18	0	0	0
October -	5.7	6.6		1.440	1.200	25th	3	0	0	0				6	22	6	12	4	6	2	4	0
November -	5.7	5.3		8.770	2.480	6th	14	0	0	1				8	6	6	26	0	20	0	2	0
December -	5.6	5.5		5.320	3.900	16th	9	0	0	1				8	10	6	6	4	22	2	4	0
Year -	6.2	6.2		46.270	—	—	106	0	2	18				59	90	40	150	59	209	72	53	0



## BERMUDA (HAMILTON) (A.M.D.).

Long. 64° 47' W. Lat. 32° 18' N. Height above Mean Sea Level, 151 feet.

1885.	Prccsure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	64°·3	63°·4	—	—	70°·6	—	—	75°·6	11th	·498	·472	—	83	81	—
February -	—	—	65°·6	66°·9	—	—	71°·0	—	—	79°·8	12th	·483	·501	—	77	76	—
March -	—	—	65°·6	65°·1	—	—	70°·9	—	—	76°·8	17th	·505	·496	—	81	80	—
April -	—	—	72°·5	72°·9	—	—	76°·6	—	—	87°·4	30th	·621	·628	—	78	77	—
May -	—	—	78°·8	79°·0	—	—	81°·5	—	—	84°·2	10th	·843	·839	—	86	85	—
June -	—	—	80°·7	80°·0	—	—	86°·1	—	—	89°·8	15th	·840	·820	—	81	80	—
July -	—	—	80°·7	79°·1	—	—	86°·6	—	—	89°·2	12, 23	·840	·832	—	81	84	—
August -	—	—	81°·7	80°·9	—	—	87°·5	—	—	94°·0	12th	·908	·899	—	84	85	—
September -	—	—	80°·6	82°·9	—	—	86°·5	—	—	90°·5	10th	·955	·986	—	92	88	—
October -	—	—	71°·1	70°·9	—	—	74°·6	—	—	79°·8	27th	·635	·639	—	84	84	—
November -	—	—	69°·8	72°·4	—	—	73°·4	—	—	78°·0	15th	·615	·694	—	84	88	—
December -	—	—	66°·1	66°·2	—	—	70°·1	—	—	74°·5	8th	·535	·568	—	83	88	—
Year -	—	—	73°·1	73°·3	—	—	78°·0	—	—	—	—	·690	·698	—	82°·8	83°·0	—

## BERMUDA (HAMILTON) (A.M.D.).

1886.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	63.9	67.2	—	—	70.4	—	—	78.4	28th	.488	.532	—	82	80	—
February -	—	—	61.8	65.6	—	—	67.1	—	—	74.6	20th	.441	.526	—	80	84	—
March -	—	—	61.8	65.6	—	—	66.9	—	—	74.4	31st	.441	.506	—	80	81	—
April -	—	—	69.0	71.0	—	—	71.9	—	—	75.4	29th	.576	.615	—	82	81	—
May -	—	—	72.1	74.9	—	—	76.0	—	—	84.0	31st	.612	.676	—	79	77	—
June -	—	—	78.5	81.4	—	—	83.8	—	—	89.0	9th	.771	.865	—	79	81	—
July -	—	—	79.9	82.0	—	—	84.2	—	—	88.4	15th	.846	.863	—	83	79	—
August -	—	—	81.7	84.1	—	—	87.0	—	—	90.0	8th	.850	.921	—	79	79	—
September -	—	—	80.2	82.8	—	—	85.4	—	—	87.8	12, 18, 22	.780	.806	—	75	72	—
October -	—	—	75.2	77.4	—	—	80.3	—	—	85.2	1st	.632	.712	—	71	75	—
November -	—	—	69.3	71.4	67.0	58.6	75.4	54.0	8th	83.2	4th	.514	.552	—	72	71	—
December -	—	—	67.9	70.3	66.0	58.2	73.8	53.0	16th	76.8	26th	.484	.536	—	70	72	—
Year -	—	—	71.8	74.5	—	—	76.9	—	—	—	—	.620	.676	—	77.7	77.7	—

## GIBRALTAR (R.E.).

Long. 5° 21' W. Lat. 36° 6' N. Height above Mean Sea Level, 46 feet.

1852.	9.30 a.m. ins.	3.30 p.m. ins.	9.30 a.m.	3.30 p.m.	°	°	°	°	°	°	°	9.30 a.m. in.	3.30 p.m. in.	in.	9.30 a.m. %	3.30 p.m. %	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	30.089	30.058	55.2	59.5	57.2	52.5	61.7	43.0	25, 26	71.0	8th	.302	.328	—	72.8	68.3	—
March -	29.921	29.902	58.5	61.0	58.1	53.7	62.5	44.6	3rd	73.6	13th	.383	.398	—	80.7	76.1	—
April -	.963	.934	63.3	66.3	62.0	55.9	68.1	52.0	25, 28	74.0	24th	.418	.433	—	74.2	70.1	—
May -	29.988	.963	67.5	70.8	66.0	59.0	72.9	49.0	7th	80.2	28th	.472	.486	—	73.1	67.3	—
June -	30.026	.992	72.1	75.1	70.5	62.7	78.2	57.0	3rd	83.5	24th	.524	.533	—	68.2	63.7	—
July -	29.978	.941	77.6	81.6	—	67.0	—	61.8	18th	90.8	24th	.622	.624	—	68.7	60.8	—
August -	30.031	.984	75.5	79.8	—	67.0	—	60.6	11th	—	—	.600	.603	—	70.9	62.4	—
September -	.024	.972	74.2	76.9	—	65.5	—	56.3	30th	—	—	.603	.600	—	74.0	67.5	—
October -	.026	.982	68.2	70.9	—	62.3	—	55.6	31st	—	—	.535	.548	—	80.3	75.4	—
November -	.016	29.969	64.1	65.6	—	59.1	—	44.0	30th	—	—	.467	.479	—	80.8	78.8	—
December -	30.166	30.118	59.3	62.3	—	54.2	—	43.5	1st	—	—	.390	.406	—	79.8	75.7	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## GIBRALTAR (R.E.).

1853.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.103	30.047	57.0	60.4	—	52.4	—	44.2	25th	—	—	.349	.374	—	78.2	74.3	—
February -	29.835	29.794	50.9	53.6	—	46.5	—	39.5	14th	—	—	.270	.280	—	75.6	71.6	—
March -	30.054	30.008	55.1	59.9	—	48.5	—	41.2	1st	—	—	.298	.326	—	71.6	66.1	—
April -	30.020	29.978	62.7	66.4	—	56.1	—	53.0	20, 29	—	—	.410	.432	—	73.9	68.8	—
May -	29.896	29.875	63.1	65.6	—	55.8	—	51.2	5th	—	—	.413	.422	—	73.8	69.5	—
June -	30.030	30.006	71.4	75.0	—	61.6	—	54.5	11th	—	—	.509	.520	—	68.8	62.2	—
July -	30.021	29.980	76.2	80.1	—	65.2	—	60.1	21st	—	—	.655	.644	—	74.0	64.5	—
August -	29.955	.914	79.7	82.8	—	70.0	—	65.2	24th	94.6	19th	.689	.697	—	70.1	64.4	—
September -	29.995	.954	74.4	76.6	75.0	69.7	30.2	60.8	25th	85.2	4th	.622	.628	—	74.9	70.6	—
October -	30.025	.978	66.8	69.1	66.2	59.9	72.4	50.9	21st	84.9	3rd	.488	.502	—	76.2	72.4	—
November -	29.979	.936	59.9	62.3	59.7	54.3	65.1	46.7	23rd	71.3	12th	.443	.412	—	77.7	75.1	—
December -	29.868	29.836	53.9	56.0	55.3	50.8	59.7	32.7	31st	67.3	8th	.338	.333	—	83.2	76.3	—
Year -	29.982	29.942	64.3	67.3	—	57.6	—	—	—	—	—	.457	.464	—	74.8	69.7	—

BERMUDA.

BERMUDA.

GIBRALTAR.

\* From upper gauge (25 feet).

GIBRALTAR.

[illegible]



## GIBRALTAR (R.E.).

Long. 5° 21' W. Lat. 36° 6' N. Height above Mean Sea Level, 46 feet.

1854.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°	1st, 2nd	°	21st	in.	in.	in.	%	%	%
January -	30°106	30°057	53°4	57°6	54°7	48°8	60°5	37°9	15th	65°9	21st	317	329	317	78°9	72°0	
February -	173	128	55°4	57°8	55°9	50°2	61°5	35°3	21st	68°1	24th	301	323	301	71°2	68°4	
March -	233	30°181	57°8	60°8	58°3	52°6	63°9	46°7	3rd	72°5	16th	370	394	370	78°7	76°1	
April -	30°026	29°994	61°6	63°0	60°8	55°7	65°9	50°4	6th	74°6	12th	441	452	441	82°2	79°4	
May -	29°979	950	67°7	70°9	66°1	58°4	73°7	53°2	5th	80°5	30th	500	500	500	75°6	68°5	
June -	30°019	998	71°6	73°2	68°6	60°5	76°6	55°2	14th	88°5	29th	590	580	590	80°8	73°8	
July -	29°989	958	76°7	78°5	74°1	65°9	82°2	62°0	5th	87°5	18th	646	650	646	71°8	68°0	
August -	29°968	29°903	76°7	79°3	76°4	70°0	82°8	61°5	11th	89°0	24th	741	761	741	82°1	77°5	
September	30°091	30°031	72°8	74°2	73°1	68°8	77°4	64°8	27th	84°0	9th	711	706	711	86°8	83°7	
October -	30°064	30°039	67°9	70°1	67°7	60°9	74°4	52°0	28th	84°0	9th	522	535	522	77°7	74°2	
November	29°992	29°955	58°4	60°4	58°7	53°0	64°4	43°8	12th	71°5	11th	410	410	410	80°6	74°8	
December	30°229	30°190	52°8	56°7	53°9†	47°8	59°6†	38°0		64°5	17th	294	321	294	70°8	68°1	
Year -	30°072	30°032	64°4	66°9	64°0	57°7	70°2	—	—	—	—	487	497		78°1	73°7	

## GIBRALTAR (R.E.).

Long. 5° 21' W. Lat. 36° 6' N. Height above Mean Sea Level, 46 feet till July 18th, then 75 feet.

1855.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30°077	30°046	53°6	56°5	54°1	49°5	78°6	40°3	21st	65°0	31st	323	332	323	76°0	71°3	
February -	29°873	29°841	56°9	58°9	57°8	52°7	62°9	47°2	4th	70°4	18th	366	377	366	78°4	74°7	
March -	981	942	56°8	60°8	57°3	51°4	63°1	44°7	11th	70°0	16th	345	361	345	72°5	67°0	
April -	980	947	61°9	65°1	61°2	54°1	68°5	47°9	7th	77°0	12th	401	421	401	72°1	68°3	
May -	29°947	29°929	63°5	67°0	63°0	56°1	69°9	50°8	6th	77°7	21st	432	457	432	73°6	69°1	
June -	30°040	30°017	69°2	72°4	68°0	60°2	73°7	48°6	2nd	84°2	21st	492	503	492	69°6	64°5	
July -	29°951	29°919	75°5	78°9	74°4	66°5	82°2	63°4	12th	91°2	7th	625	617	625	73°0	64°5	
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
September -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
October -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
November -	29°859	29°812	58°8	60°6	58°1	53°7	62°5	48°2	5th	67°8	14th	412	392	412	82°2	73°1	
December -	29°922	29°876	57°3	58°3	55°9	51°7	60°1	46°2	4th	67°5	5th	389	396	389	81°1	79°0	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

## GIBRALTAR (R.E.).

1856.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29°829	29°764	56°3	58°2	56°5	53°1	59°9	49°0	3, 6, 13	67°0	29th	389	385	389	84°2	77°1	
February -	30°020	979	57°2	59°4	56°5	52°1	60°8	46°0	19th	64°0	1st	371	399	371	77°2	78°2	
March -	29°875	29°845	58°3	61°1	58°1	53°9	62°2	49°0	8th	69°5	19th	394	427	394	79°5	78°2	
April -	30°057	30°024	61°3	63°3	61°2	54°2	68°1	49°7	20th	73°5	19th	406	419	406	75°7	72°0	
May -	30°021	29°972	69°3	72°4	67°1	59°0	75°1	54°0	10th	84°2	27th	488	522	488	68°0	65°8	
June -	—	—	70°4	73°0	69°4	62°4	76°4	56°6	18th	82°0	11, 13, 14	567	567	567	78°1	72°0	
July -	30°014	29°980	75°6	78°9	74°4	67°6	81°1	62°9	1st	86°9	17th	660	654	660	75°7	68°5	
August -	29°999	962	76°1	80°2	75°9	60°8	82°0	65°0	22nd	92°0	8th	682	677	682	76°5	68°5	
September -	30°032	29°996	71°4	75°1	71°9	64°6	79°1	55°9	31st	88°7	3rd	590	571	590	77°2	67°2	
October -	123	30°092	66°6	69°0	66°0	60°6	71°3	55°0	9th	79°4	7th	507	524	507	78°2	74°6	
November -	078	033	59°3	62°9	59°7	54°0	65°4	45°3	13th	72°9	1st	383	401	383	73°5	69°9	
December -	30°121	30°084	55°7	59°6	57°8	51°4	62°1	44°0	17th	71°9	7th	339	358	339	73°3	66°6	
Year -	—	—	64°8	67°8	64°5	58°6	70°3	—	—	—	—	481	492	—	76°4	71°6	

## GIBRALTAR (R.E.).

1857.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30°059	30°012	50°7	57°5	—	—	58°7	—	—	65°2	12th	268	312	268	69°0	63°9	
February -	014	29°952	53°6	57°9	54°5	50°3	58°6	42°2	4th	66°4	27th	321	359	321	75°3	72°9	
March -	061	30°025	58°1	61°1	57°4	52°0	62°8	45°8	12, 22	69°9	29th	352	389	352	72°0	72°1	
April -	30°028	29°998	60°7	64°3	60°1	54°1	66°1	49°3	29th	78°7	25th	382	404	382	71°4	66°9	
May -	29°984	29°958	64°8	67°0	62°7	56°1	69°3	50°8	5th	79°1	31st	444	448	444	72°8	66°7	
June -	30°056	30°036	71°7	74°7	70°4	63°2	77°6	57°8	3rd	84°7	12th	527	520	527	69°3	62°2	
July -	30°088	30°057	75°5	78°6	75°5	68°0	82°9	62°2	23rd	93°4	8th	607	623	607	74°4	66°5	
August -	29°981	29°948	75°8	79°2	75°7	68°1	83°2	61°6	25th	92°2	15th	644	633	644	74°3	65°1	
September -	30°083	30°040	73°5	76°4	72°6	65°1	80°1	57°3	26th	87°3	4th	582	583	582	70°5	65°8	
October -	30°001	29°979	66°8	68°5	66°6	60°6	72°4	53°9	22nd	81°4	6th	504	517	504	77°1	74°2	
November -	29°987	29°946	62°1	63°0	62°3	59°2	65°4	48°8	28th	69°8	12th	459	454	459	81°7	78°4	
December -	30°307	30°263	58°3	59°7	59°0	55°4	62°5	48°3	27th	68°4	2nd	359	352	359	70°7	67°5	
Year -	30°054	30°018	64°3	67°3	—	—	70°0	—	—	—	—	454	466	—	73°2	68°5	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 7 feet above ground. Rain-gauge, on or near the ground.

GIBRALTAR.

1854.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	5.7	4.9		5.080	1.400	4th	12																	
February -	6.3	4.5		1.550	.780	5th	7																	
March -	7.0	5.0		2.430	1.860	23rd	7																	
April -	7.9	6.1		6.350	1.570	20th	12																	
May -	3.4	3.7		1.190	.680	18th	8																	
June -	5.0	3.6		1.200	.400	5th	10																	
July -	2.4	2.4		0.000	.000	—	0																	
August -	5.5	3.9		1.700	1.700	9th	1																	
September	8.1	7.0		1.810	.680	6th	6																	
October -	5.8	4.9		0.480	.250	19th	5																	
November	6.5	5.9		16.490	5.530	23rd	11																	
December	4.1	5.2		0.030	.020	5th	2																	
Year -	5.6	4.8		38.310	—	—	81																	

GIBRALTAR.

				ins.	ins.																	
1855.				ins.	ins.																	
January -	7.6	7.1		7.310	2.320	24th	9															
February -	8.3	8.3		12.810	4.280	13th	22															
March -	6.6	6.9		7.340	1.370	29th	19															
April -	5.7	5.2		2.310	1.080	21st	9															
May -	5.8	5.8		5.120	1.480	30th	10															
June -	3.6	3.3		1.130	.760	2nd	2															
July -	3.9	1.7		0.010	.010	11th	1							0	10	18	5	0	6	10	13	—
August -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
September -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
October -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
November -	—	—		13.478	3.200	27th	21							1	1	8	5	1	17	5	22	0
December -	—	—		18.440	4.455	3rd	17							0	14	2	11	0	17	1	17	0
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

GIBRALTAR.

				ins.	ins.																	
1856.				ins.	ins.																	
January -	—	—		21.624	3.645	7th	22							0	2	10	3	0	20	9	18	0
February -	—	—		7.267	2.100	2nd	14							0	1	33	1	0	9	3	11	0
March -	—	—		4.078	1.110	11th	13							0	2	27	3	1	12	3	14	0
April -	—	—		2.052	.495	2nd	10							0	1	0	8	0	18	7	26	0
May -	—	—		0.030	.030	15th	1							0	1	9	9	0	7	5	31	0
June -	3.3	2.5		0.190	.130	4th	2							0	5	31	1	0	10	9	4	0
July -	4.4	2.2		0.000	.000	—	0							0	0	36	4	0	1	8	10	3
August -	4.6	3.1		0.026	.020	2nd	2							0	0	41	3	0	2	6	9	1
September -	5.6	4.3		3.041	1.727	4th	8							0	0	20	0	0	4	17	16	3
October -	5.9	4.6		0.115	.054	8th	4							0	0	41	2	1	7	1	6	4
November -	6.0	4.6		2.054	1.500	10th	6							0	1	24	3	1	6	10	9	6
December -	5.2	5.4		2.243	.650	10th	12							1	3	13	6	0	10	7	19	3
Year -	—	—		42.720	—	—	94							1	16	285	43	3	106	85	173	20

GIBRALTAR.

				ins.	ins.																	
1857.				ins.	ins.																	
January -	5.5	5.4		1.715	.360	22nd	13							5	2	5	0	0	3	20	22	5
February -	7.4	7.8		6.962	2.000	23rd	18							2	1	19	8	3	8	6	4	5
March -	6.8	7.0		2.425	.680	9th	16							1	1	11	5	4	10	17	8	5
April -	5.9	5.9		0.401	.235	10th	5							1	1	12	4	8	3	9	19	3
May -	6.8	6.5		2.710	1.540	3rd	13							1	1	12	1	6	9	15	9	8
June -	3.9	3.0		0.068	.038	17th	2							0	0	19	10	0	9	7	3	12
July -	3.3	2.8		0.000	.000	—	0							0	1	39	4	1	1	11	4	1
August -	5.0	3.4		0.438	.210	24th	3							1	2	18	8	3	6	16	0	8
September -	4.2	3.3		0.695	.520	25th	3							1	2	19	3	0	3	12	7	13
October -	6.7	6.4		2.365	.825	25th	6							1	1	20	2	3	8	12	5	10
November -	8.7	8.4		6.528	1.395	29th	13							0	0	36	2	1	3	8	7	3
December -	7.1	6.5		1.677	.280	20th	16							1	2	37	10	2	1	1	6	2
Year -	5.9	5.5		25.984	—	—	108							14	14	247	57	31	64	134	94	75



## GIBRALTAR (R.E.).

Long. 5° 21' W. Lat. 36° 6' N. Height above Mean Sea Level, 46 feet till 1860, then 50 feet.

1858.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.	°	°	°	°	°	°					in.	in.	in.	%	%	%
January -	30.224	30.173	54.8	56.2	54.5	50.3	58.6	42.8	29th	62.3	5th	.307	.307			67.8	64.6	
February -	29.954	29.928	54.5	58.0	56.0	50.9	61.1	46.7	1st	66.1	22nd	.331	.331			76.3	67.9	
March -	30.001	.954	56.4	60.9	58.1	52.2	63.9	41.4	13th	72.9	31st	.335	.361			72.5	67.0	
April -	.042	.999	64.7	67.4	65.1	57.4	72.8	53.3	7th	85.6	27th	.422	.410			69.4	62.1	
May -	30.031	.985	67.1	71.0	67.4	58.4	76.3	49.3	5th	87.0	24th	.395	.411			59.7	55.2	
June -	29.997	.965	74.8	77.2	73.4	65.1	81.7	59.5	4th	90.2	20th	.489	.499			57.9	55.1	
July -	.982	.948	76.9	79.1	75.7	67.2	84.1	60.8	6th, 7th	89.8	31st	.561	.559			62.2	57.6	
August -	29.956	.925	77.2	80.1	77.0	69.0	84.9	64.2	27, 28	91.1	9, 11	.628	.617			69.5	61.7	
September	30.041	.996	74.3	77.2	75.0	68.7	81.2	60.5	24th	90.4	8th, 16th	.613	.648			73.6	67.4	
October -	29.974	.936	68.1	68.8	67.7	62.1	73.2	56.0	12th	79.2	2nd	.506	.491			73.5	70.3	
November	29.851	29.810	63.5	64.8	64.3	60.6	68.0	56.8	9th	71.7	4, 18, 19	.440	.451			75.0	72.9	
December	30.206	30.163	57.2	59.6	57.4	52.6	62.1	45.8	8th	67.6	1st	.295	.321			61.4	61.3	
Year -	30.022	29.982	65.8	68.4	65.9	59.5	72.3	—	—	—	—	.444	.448			68.2	63.6	

## GIBRALTAR (R.E.).

1859.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.282	30.237	54.4	57.1	55.1	50.2	60.0	44.4	13th	64.1	30th	.261	.272		60.3	58.2	
February -	.168	.118	54.8	58.3	55.4	50.2	60.5	44.9	2nd	65.3	16th	.320	.335		64.4	60.2	
March -	.160	30.135	59.6	62.9	59.1	52.9	65.3	47.5	23rd	70.5	5th	.323	.333		62.2	58.0	
April -	30.026	29.986	64.4	67.3	64.0	56.5	71.5	50.7	7th	87.4	17th	.425	.450		70.5	68.1	
May -	29.925	.866	65.5	69.4	66.5	57.2	75.8	53.7	1st	87.4	25, 27	.455	.493		72.9	68.1	
June -	30.029	29.999	70.0	73.3	70.0	61.1	78.8	56.5	6th	89.3	19th	.553	.545		76.3	67.7	
July -	30.055	30.013	76.6	79.5	76.3	69.0	83.5	61.9	16th	90.4	10th	.679	.700		76.7	73.9	
August -	29.962	29.923	79.8	80.5	77.7	69.3	86.1	63.8	10th	91.7	17th	.695	.692		71.0	69.0	
September -	30.029	.992	76.2	77.9	74.1	66.2	82.0	58.0	19th	87.7	4th	.644	.668		73.3	68.2	
October -	29.995	29.955	66.5	68.8	66.2	59.9	72.4	49.8	25th	82.0	1st, 2nd	.514	.522		78.7	74.1	
November -	30.103	30.056	60.8	62.5	61.0	56.5	65.5	50.1	29th	72.5	3rd	.424	.444		78.2	77.6	
December -	30.044	30.003	55.9	58.3	56.6	52.1	61.1	43.7	16th	67.3	29th	.369	.375		78.0	75.1	
Year -	30.065	30.026	65.4	68.0	65.2	58.4	71.9	—	—	—	—	.472	.486		71.9	68.2	

## GIBRALTAR (R.E.).

1860.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.164	30.109	55.9	58.7	56.6	51.8	61.4	47.4	19th	67.9	4th	.371	.388		81.6	77.1	
February -	.062	.024	50.2	54.6	50.9	44.9	56.9	32.6	16th	69.5	28th	.272	.295		74.6	66.1	
March -	30.084	30.042	58.6	60.1	57.7	52.8	62.6	41.7	13th	73.2	26th	.399	.400		79.8	75.7	
April -	29.939	29.912	62.7	63.9	60.5	54.1	66.8	50.1	7th	72.2	22nd	.457	.448		79.2	75.7	
May -	.978	.958	69.4	72.1	68.5	59.9	77.1	52.8	1st	86.5	26th	.564	.579		78.9	73.5	
June -	.981	.957	73.1	76.7	71.9	62.1	81.6	58.6	20th	92.0	28th	.602	.596		74.8	66.9	
July -	.953	.927	75.7	78.5	76.0	67.8	84.2	63.9	25, 26	92.2	18th	.640	.634		73.8	66.9	
August -	29.957	.921	74.8	79.3	76.1	68.9	83.3	63.6	17th	88.6	15th	.667	.656		78.9	67.3	
September -	30.000	29.961	69.5	71.8	69.9	61.7	78.0	52.1	27th	91.2	1st	.529	.522		73.7	67.9	
October -	30.112	30.070	66.5	68.6	67.6	62.3	72.9	56.1	5th	84.6	20th	.528	.532		81.6	77.0	
November -	29.961	29.919	62.5	63.9	63.6	57.8	69.4	52.1	25th	79.2	8th	.471	.472		82.8	79.1	
December -	29.999	29.963	58.0	59.9	59.4	54.4	64.3	46.5	20th	68.7	6th	.415	.422		84.0	80.7	
Year -	30.016	29.980	64.7	67.3	64.9	58.2	71.5	—	—	—	—	.493	.495		78.6	72.8	

## GIBRALTAR (R.E.).

1861.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.071	30.029	54.9	56.5	55.5	50.8	60.2	43.1	18th	66.0	2nd	.340	.351		76.7	75.2	
February -	.063	.025	55.5	57.2	56.3	51.1	61.5	45.0	10th	68.1	22nd	.362	.375		80.3	78.7	
March -	30.085	30.044	60.6	63.6	60.7	53.6	67.7	47.5	4th	75.8	12th	.497	.438		76.1	74.2	
April -	29.961	29.927	62.0	63.9	61.8	55.9	67.6	49.2	13th	73.5	10th	.453	.469		80.8	78.4	
May -	29.932	.911	64.9	66.4	65.1	59.0	71.2	53.5	12th	79.8	25th	.485	.492		79.2	75.9	
June -	30.004	.976	71.6	75.7	71.8	63.8	79.8	59.5	15th	88.8	27th	.560	.572		73.4	65.6	
July -	29.983	.952	74.3	77.7	74.0	65.9	82.0	60.8	8th, 19th	88.0	27th	.596	.607		71.7	65.6	
August -	30.027	.993	77.0	80.5	77.6	70.6	84.5	65.4	2nd	93.8	20th	.749	.738		82.0	73.7	
September -	30.028	.979	74.3	77.7	74.4	66.8	82.0	58.0	28th	90.9	22nd	.673	.680		81.0	73.1	
October -	29.960	.927	68.7	70.5	69.7	64.3	75.0	57.2	31st	82.1	3rd	.606	.605		86.5	81.9	
November -	30.031	.993	63.0	64.8	63.5	58.7	68.3	50.9	4th	75.3	11, 12	.482	.486		82.8	79.2	
December -	29.985	29.937	58.3	59.3	58.4	54.2	62.6	46.4	21st	68.6	11th	.399	.401		80.5	78.2	
Year -	30.011	29.974	65.4	67.8	65.8	59.6	71.9	—	—	—	—	.509	.518		79.3	75.0	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

GIBRALTAR.

1858.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	6.5	6.6		9.044	2.295	27th	15							0	0	34	11	0	2	5	4	6
February -	6.6	7.1		9.440	2.000	19th	18							0	0	3	6	5	11	15	14	2
March -	5.5	5.5		6.330	2.650	7th	8							0	1	19	4	2	4	4	6	22
April -	5.7	4.3		0.038	.038	8th	1							0	0	17	15	2	2	6	13	5
May -	4.0	3.2		0.491	.266	4th	5							1	0	17	8	1	3	10	16	6
June -	2.6	3.2		0.160	.160	28th	1							0	1	24	14	2	6	8	1	4
July -	3.1	2.2		0.060	.060	6th	1							0	2	23	8	2	1	22	3	1
August -	4.2	3.4		0.488	.450	28th	2							0	6	30	3	0	8	8	1	6
September	5.9	5.1		4.040	3.300	27th	5							0	0	37	2	0	4	9	6	2
October -	6.8	6.5		7.330	1.910	24th	15							0	9	22	3	2	8	9	6	3
November	8.8	8.5		24.930	6.500	9th	24							0	6	11	11	0	12	19	1	0
December	4.3	4.6		2.615	.700	14th	6							4	9	7	4	2	1	5	26	4
Year -	5.3	5.0		64.966	—	—	101							5	34	244	89	18	62	120	97	61

GIBRALTAR.

				ins.	ins.																	
1859.																						
January -	6.1	6.1		1.114	.275	7th	11							0	5	23	7	2	1	12	7	5
February -	5.2	5.2		1.841	.510	13th	7							0	12	17	5	1	6	2	11	2
March -	4.7	3.5		0.000	.000	—	0							0	5	25	1	0	5	8	6	12
April -	5.4	5.3		2.854	1.620	20th	8							0	5	12	0	3	10	23	5	2
May -	5.9	4.8		4.786	.918	30th	9							0	4	7	2	3	11	28	5	2
June -	5.0	4.4		3.540	1.320	8th	8							0	6	10	3	1	14	22	2	2
July -	4.1	2.8		0.000	.000	—	0							0	11	18	13	3	5	7	1	4
August -	3.8	3.4		0.160	.150	26th	2							0	11	12	6	2	5	21	2	3
September -	4.3	3.6		0.080	.040	18th	3							0	5	20	7	5	8	13	0	2
October -	6.4	5.9		5.493	2.010	14th	12							1	1	5	10	3	8	33	0	1
November -	5.9	4.9		9.011	3.860	22nd	7							0	2	18	2	1	13	19	4	1
December -	6.3	6.0		8.870	3.140	19th	7							—	—	—	—	—	—	—	—	—
Year -	5.3	4.7		37.749	—	—	74							—	—	—	—	—	—	—	—	—

GIBRALTAR.

				ins.	ins.																	
1860.																						
January -	5.9	6.6		6.560	1.100	9th	14							0	0	7	7	4	9	25	9	1
February -	4.7	4.5		0.892	.355	5th	5							0	11	11	1	1	3	10	14	1
March -	5.7	5.4		2.135	1.030	9th	11							0	2	29	3	0	10	8	9	1
April -	5.7	5.5		6.356	4.885	17th	11							0	2	12	3	0	5	21	17	0
May -	2.5	2.0		0.000	.000	—	0							0	2	24	10	0	5	7	11	3
June -	2.6	1.2		0.102	.045	14th	3							0	4	16	5	1	10	17	7	0
July -	3.0	1.7		0.013	.013	6th	1							0	1	24	6	1	7	16	7	0
August -	4.7	1.7		0.048	.026	31st	3							0	0	28	9	1	4	9	11	0
September -	4.5	4.0		1.027	.570	17th	8							2	1	13	3	2	7	14	16	2
October -	5.5	3.2		0.047	.033	31st	2							0	5	37	12	1	0	2	4	1
November -	6.5	6.0		9.528	2.983	27th	16							3	4	8	4	1	10	14	14	2
December -	5.9	6.1		7.469	1.520	24th	21							0	1	2	0	0	14	25	19	1
Year -	4.8	4.0		34.177	—	—	95							11	33	211	63	12	84	168	138	12

GIBRALTAR.

				ins.	ins.																	
1861.																						
January -	4.5	5.3		6.243	2.355	12th	12							2	2	27	1	0	5	8	12	5
February -	5.2	5.8		6.860	2.086	11th	19							0	0	11	5	1	0	8	16	6
March -	2.0	2.2		2.334	1.230	25th	11							0	1	19	5	0	0	16	15	6
April -	4.5	4.2		1.565	.423	25th	10							0	0	23	9	1	7	10	3	7
May -	4.5	3.9		3.515	2.192	22nd	9							0	0	32	5	1	4	8	4	8
June -	2.1	0.8		0.010	.010	20th	1							0	1	19	2	0	3	7	7	21
July -	2.3	1.1		0.000	.000	—	0							0	0	16	2	0	2	22	7	13
August -	3.9	2.1		0.028	.028	5th	1							0	0	43	7	2	2	2	0	6
September -	3.0	1.5		0.348	.240	26th	2							1	0	29	5	2	5	8	9	1
October -	6.1	6.0		2.634	.556	28th	16							0	0	28	6	0	5	16	6	1
November -	6.0	5.3		7.326	2.392	1st	16							0	0	24	3	1	2	16	10	4
December -	7.6	7.1		23.575	5.774	29th	20							1	5	24	3	0	11	7	8	3
Year -	4.3	3.8		54.438	—	—	117							4	9	295	53	8	55	128	97	81



## GIBRALTAR (R.E.).

Long. 5° 21' W. Lat. 36° 6' N. Height above Mean Sea Level, 50 feet.

1862.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins. 30° 131	ins. 30° 087	55° 3	58° 7	56° 2	50° 6	61° 8	45° 2	7th, 17th	67° 0	24th	in. ·352	in. ·357	in.	% 78° 0	% 70° 9	%	
February -	30° 026	29° 979	56° 5	59° 1	56° 9	51° 0	62° 8	38° 2	11th	67° 3	23rd	·359	·373		75° 5	72° 3		
March -	29° 932	29° 876	59° 6	61° 2	59° 7	53° 4	66° 0	49° 4	5th	68° 4	17th	·391	·398		75° 7	72° 5		
April -																		
May -																		
June -																		
July -																		
August -																		
September -																		
October -																		
November -																		
December -																		
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		

## GIBRALTAR (A.M.D.).

1864.	9 a.m.   3 p.m. ins.	9 a.m.   3 p.m. —	—	—	—	—	—	—	9 a.m.   3 p.m. in.	in.	9 a.m.   3 p.m. %	%
January -	30° 159	—	54° 6	50° 5	58° 7	43° 0	—	63° 0	—	—	—	—
February -	29° 978	55° 7	54° 3	48° 8	59° 7	38° 0	—	67° 5	—	.329	73	—
March -	.864	56° 6	56° 5	50° 5	62° 5	44° 0	—	68° 0	—	.400	87	—
April -	.946	63° 0	60° 9	54° 0	67° 7	48° 0	—	74° 0	—	.437	76	—
May -	29° 945	69° 8	67° 5	59° 8	75° 1	53° 0	—	85° 0	—	.541	75	—
June -	30° 036	74° 8	73° 1	64° 0	82° 1	59° 0	—	87° 5	—	.702	81	—
July -	29° 984	78° 4	76° 3	66° 4	86° 1	62° 0	—	92° 0	—	.764	78	—
August -	29° 994	78° 6	77° 1	70° 1	84° 0	65° 0	—	94° 0	—	.769	79	—
September -	30° 042	—	72° 3	66° 3	78° 2	56° 0	—	87° 0	—	—	—	—
October -	29° 801	66° 7	65° 4	59° 6	71° 1	53° 0	—	79° 0	—	—	—	—
November -	30° 002	60° 6	59° 3	53° 8	64° 7	46° 0	—	71° 0	—	.391	75	—
December -	29° 995	54° 6	53° 5	48° 1	58° 9	41° 0	—	64° 5	—	.327	77	—
Year -	29° 979	—	64° 2	57° 7	70° 7	—	—	—	—	—	—	—

## GIBRALTAR (A.M.D.).

1865.	ins.									in.	in.	%	%
January -	30° 044	56° 4	56° 0	51° 3	60° 6	45° 0	—	72° 0	—	.350	—	77	—
February -	30° 059	56° 9	55° 5	49° 7	61° 3	44° 0	—	72° 0	—	.351	—	75	—
March -	29° 964	57° 4	55° 6	47° 6	63° 5	42° 0	—	75° 0	—	.315	—	66	—
April -	29° 986	61° 6	59° 3	53° 1	65° 4	45° 0	—	72° 0	—	.418	—	77	—
May -	30° 001	66° 4	65° 2	59° 6	70° 7	55° 0	—	79° 5	—	.498	—	77	—
June -	.025	74° 1	72° 6	65° 0	80° 1	60° 0	—	88° 0	—	.594	—	71	—
July -	30° 000	77° 4	76° 1	67° 0	85° 1	62° 0	—	93° 0	—	.664	—	70	—
August -	29° 964	76° 9	74° 6	65° 6	83° 5	60° 0	—	89° 0	—	.652	—	70	—
September -	30° 069	74° 4	73° 4	68° 5	78° 3	61° 0	—	86° 5	—	.695	—	82	—
October -	29° 961	68° 6	67° 2	61° 0	73° 4	55° 0	—	82° 0	—	.552	—	79	—
November -	30° 037	62° 1	60° 3	54° 5	66° 1	51° 0	—	72° 5	—	.435	—	78	—
December -	30° 197	55° 6	54° 2	47° 7	60° 6	40° 0	—	67° 0	—	.342	—	77	—
Year -	30° 026	65° 7	64° 2	57° 6	70° 7	—	—	—	—	.489	—	74° 9	—

## GIBRALTAR (A.M.D.).

1866.	ins.	ins.									in.	in.	in.	%	%	%
January -	30° 232	30° 187	54° 1	58° 3	54° 3	48° 1	60° 4	40° 0	14.16	64° 0	21, 23	.331	.369	78	76	—
February -	30° 091	30° 038	55° 5	60° 5	56° 5	49° 5	63° 5	44° 0	28th	68° 0	2nd, 13th	.371	.397	85	75	—
March -	29° 905	29° 870	55° 8	58° 7	54° 8	47° 3	62° 2	40° 0	11th	72° 0	30th	.355	.373	80	76	—
April -	.980	.957	61° 5	63° 3	59° 8	53° 0	66° 6	45° 0	3rd, 21st	74° 0	20th	.424	.446	78	77	—
May -	.960	.940	65° 6	69° 0	65° 0	57° 3	72° 6	49° 0	4th	80° 0	12th	.483	.522	77	71	—
June -	29° 995	.972	69° 8	74° 1	69° 4	60° 5	78° 2	53° 0	5th	87° 0	12th	.525	.578	72	69	—
July -	30° 030	.990	74° 0	77° 9	73° 7	65° 3	82° 1	61° 0	8th	87° 0	24, 31	.574	.625	69	66	—
August -	29° 992	.957	75° 7	79° 3	73° 7	63° 1	84° 2	57° 0	22nd	90° 0	17th	.605	.620	67	62	—
September -	30° 035	29° 997	73° 0	75° 1	68° 5	58° 0	79° 0	50° 0	25, 27, 29	89° 0	7th	.568	.576	70	66	—
October -	.043	30° 004	65° 3	67° 7	62° 8	54° 9	70° 6	50° 0	29th	74° 0	2, 16, 29	.499	.512	81	76	—
November -	.128	.078	63° 1	64° 6	62° 3	56° 3	68° 3	49° 0	2nd	72° 0	16th	.457	.468	79	76	—
December -	30° 228	30° 181	60° 0	62° 2	60° 3	55° 9	64° 7	49° 0	16, 28	69° 0	3, 17	.413	.437	83	81	—
Year -	30° 052	30° 014	64° 5	67° 6	63° 4	55° 8	71° 0	—	—	—	—	.467	.494	76° 6	72° 6	—

Thermometers, 7 feet above ground. Rain-gauge, on or near the ground.

GIBRALTAR.

1862.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S	S.W.	W.	N.W.	Calm.		
January -	4.2	3.3		ins. 5.449	ins. 1.701	3rd	10							0	1	11	1	0	6	25	18	?		
February -	5.1	4.8		6.341	1.400	28th	14							0	4	22	2	1	7	13	7	?		
March -	6.5	6.3		5.366	1.078	29th	17							0	0	6	7	0	6	33	10	?		
April -																								
May -																								
June -																								
July -																								
August -																								
September -																								
October -																								
November -																								
December -																								
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—		

GIBRALTAR.

1864.	9 a.m.	3 p.m.		ins.	ins.																	
January -	6.8			2.575	—	—	11							10	—	35	—	4	—	13	—	0
February -	6.1			2.780	—	—	14							9	—	17	—	9	—	23	—	0
March -	6.5			8.535	—	—	17							2	—	17	—	17	—	26	—	0
April -	4.7			4.436*	—	—	13							3	—	26	—	15	—	16	—	0
May -	3.7			1.000	—	—	4							4	—	26	—	16	—	16	—	0
June -	2.5			0.220*	—	—	3							8	—	11	—	23	—	18	—	0
July -	1.4			.000	—	—	0							5	—	18	—	10	—	25	—	0
August -	3.6			.000	—	—	0							7	—	38	—	7	—	10	—	0
September -	4.7			0.160*	—	—	2							11	—	31	—	10	—	8	—	0
October -	7.6			11.682*	—	—	19							8	—	14	—	16	—	24	—	0
November -	5.8			2.707	—	—	8							21	—	12	—	1	—	26	—	0
December -	6.2			6.885*	—	—	12							19	—	16	—	6	—	21	—	0
Year -	5.0			40.980	—	—	103							111	—	261	—	134	—	226	—	0

\* Obtained from a gauge 25 feet above ground.

GIBRALTAR.

1865.				ins.	ins.																	
January -	6.7			4.220	—	—	13							16	—	9	—	9	—	28	—	0
February -	5.2			10.330	—	—	12							8	—	24	—	3	—	21	—	0
March -	3.8			2.490	—	—	7							17	—	9	—	4	—	32	—	0
April -	6.5			3.260	—	—	17							4	—	27	—	11	—	18	—	0
May -	6.2			2.970	—	—	8							8	—	29	—	9	—	16	—	0
June -	3.4			0.820	—	—	5							4	—	28	—	15	—	13	—	0
July -	2.4			.000	—	—	0							7	—	32	—	10	—	13	—	0
August -	2.9			.000	—	—	0							12	—	23	—	7	—	20	—	0
September -	7.0			1.490	—	—	5							4	—	52	—	3	—	1	—	0
October -	4.4			7.300	—	—	8							16	—	10	—	7	—	29	—	0
November -	6.9			6.130	—	—	16							12	—	12	—	11	—	25	—	0
December -	5.2			2.780	—	—	12							10	—	30	—	7	—	15	—	0
Year -	5.1			41.790	—	—	103							118	—	285	—	96	—	231	—	0

GIBRALTAR.

1866.				ins.	ins.																	
January -	6.6	5.4		0.890	.270	31st	5	0	0	0				1	18	19	2	1	8	7	6	0
February -	4.4	5.1		4.210	2.700	28th	8	0	0	1				1	4	11	2	0	10	12	14	2
March -	5.2	5.5		10.851	2.000	19th	16	0	1	5				0	0	16	3	1	16	14	10	2
April -	6.0	5.8		1.570	.400	7th	9	0	0	0				0	4	24	3	0	16	5	6	2
May -	5.0	4.6		3.390	1.760	8th	6	0	0	0				0	5	20	1	1	20	9	4	2
June -	4.6	3.8		1.600	.670	23rd	3	0	0	1				0	1	11	5	2	15	12	9	5
July -	2.9	2.5		0.000	.000	—	0	0	0	0				0	4	24	1	0	10	14	7	2
August -	3.1	1.3		0.150	.150	23rd	1	0	0	0				1	4	30	7	0	7	6	6	1
September -	3.9	2.5		1.120	1.120	23rd	1	0	0	0				1	1	27	2	1	9	11	6	2
October -	6.5	5.4		2.960	1.500	13th	5	0	0	0				0	12	20	9	0	9	4	8	0
November -	4.5	4.1		0.000	.000	—	0	0	0	1				2	8	23	5	0	3	6	10	3
December -	5.2	4.6		1.055	.730	1st	3	0	0	0				0	6	25	10	0	5	3	13	0
Year -	4.8	4.2		27.790	—	—	57	0	1	8				6	67	250	50	6	128	103	99	21



## GIBRALTAR (A.M.D.).

Long. 5° 21' W. Lat. 36° 6' N. Height above Mean Sea Level, 50 feet.

1867.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.					
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.		
						Min.	Max.	Min.	Date.	Max.	Date.								
January -	ins.	ins.	56°·9	59°·1	56°·3	50°·2	62°·3	38°·0	15th	71°·0	20th	·378	·384	in.	in.	in.	%	%	%
February -	30°·326	30°·278	59°·0	61°·4	57°·6	51°·1	64°·0	44°·0	16th	70°·0	12th	·398	·423	·378	·384	·398	82	76	80
March -	29°·918	29°·878	60°·7	63°·9	59°·8	51°·9	67°·6	40°·0	4th, 29th	74°·0	9, 25, 31	·414	·435	·398	·423	·414	80	79	79
April -	30°·096	30°·048	65°·5	68°·6	64°·3	54°·6	73°·9	50°·0	2nd, 5th	79°·0	13th	·465	·487	·414	·435	·465	78	73	73
May -	29°·969	29°·945	68°·1	71°·4	67°·0	57°·0	76°·9	52°·0	6th	83°·0	31st	·495	·525	·465	·487	·495	75	69	69
June -	30°·013	·979	72°·5	76°·3	72°·0	62°·1	81°·9	55°·0	1st	94°·0	15th	·589	·623	·495	·525	·589	72	67	72
July -	·009	·972	75°·0	78°·7	74°·8	64°·9	84°·7	60°·0	6th	95°·0	19th	·635	·670	·589	·623	·635	74	70	70
August -	·009	29°·973	75°·4	79°·0	75°·1	66°·5	83°·6	60°·0	5th	87°·0	16, 22, 23	·667	·681	·635	·670	·667	72	71	71
September	·054	30°·006	73°·4	75°·3	71°·6	63°·4	79°·8	56°·0	14th	90°·0	11th	·573	·604	·667	·681	·573	76	68	76
October -	·048	·009	67°·3	69°·5	66°·2	59°·3	73°·1	53°·0	20th	82°·0	4th	·524	·541	·573	·604	·524	69	68	68
November	·070	·034	62°·7	63°·2	61°·1	55°·8	66°·3	50°·0	29th	73°·0	2nd	·481	·478	·524	·541	·481	81	76	76
December	30°·059	30°·000	54°·7	57°·9	54°·0	48°·0	60°·0	35°·0	9th	67°·0	17th	·328	·360	·481	·478	·328	84	82	82
Year -	30°·050	30°·009	65°·9	68°·7	65°·0	57°·1	72°·8	—	—	—	—	·496	·518	·328	·360	·496	76°·6	72°·8	72°·8

## GIBRALTAR (A.M.D.).

1868.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.186	30.151	55.2	58.5	54.1	47.2	60.9	39.0	2nd	67.0	10th	.328	.354		75	73	
February -	.256	.211	55.4	58.5	53.6	46.0	61.2	40.5	11th	67.0	8th, 23rd	.341	.351		78	72	
March -	.136	.095	59.3	62.2	58.0	50.6	65.4	42.0	21st	73.0	6th, 25th	.379	.383		80	70	
April -	.046	30.004	62.3	65.6	61.2	52.9	69.4	48.0	10th	77.0	24th	.426	.431		78	69	
May -	.003	29.963	66.1	69.1	65.0	57.6	72.4	53.0	11th	83.5	31st	.495	.513		80	72	
June -	.038	.998	72.5	75.4	71.9	62.8	81.0	58.0	13th	88.0	21, 29	.607	.612		77	69	
July -	.014	.982	75.7	78.9	74.6	64.2	84.9	59.0	8th	91.5	29th	.570	.562		63	56	
August -	.039	.999	73.4	77.6	73.2	63.8	82.6	57.0	17th	88.5	5, 10, 11	.602	.608		72	65	
September -	.006	29.954	70.5	72.4	69.6	62.3	76.9	55.0	24th	82.5	8th	.565	.572		76	72	
October -	.082	30.041	64.7	66.9	62.5	55.5	69.5	48.0	21st	76.0	15th	.455	.478		79	74	
November -	.082	.035	59.3	61.3	58.0	51.8	64.2	41.0	8th	70.0	5th	.401	.416		79	77	
December -	30.176	30.121	56.9	60.7	56.3	49.3	63.3	41.0	27th	69.0	8th	.387	.407		84	77	
Year -	30.089	30.046	64.3	67.3	63.2	55.3	71.0	—	—	—	—	.463	.474		76.8	70.5	

## GIBRALTAR (A.M.D.).

1869.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.250	30.205	56.3	58.8	55.2	49.2	61.2	42.0	1st, 3rd	67.0	28th	.369	.413		81	82	
February -	30.285	30.251	57.0	59.2	55.7	49.2	62.2	41.0	19th	69.0	28th	.354	.375		76	75	
March -	29.972	29.931	56.0	59.3	54.9	47.0	62.6	40.0	11th	68.0	1, 4, 19	.329	.341		73	68	
April -	30.115	30.078	61.7	65.0	60.8	52.8	68.8	46.0	1, 2, 3	76.0	26, 28	.431	.417		78	72	
May -	29.960	29.948	66.2	70.0	65.4	56.3	74.5	52.0	9th	81.0	20th	.513	.510		80	71	
June -	30.027	30.000	70.0	73.9	69.8	60.9	78.6	55.0	1, 2, 4	88.0	26th	.583	.613		79	73	
July -	.019	29.979	75.7	79.5	75.5	65.3	85.6	61.0	3rd	91.0	6th	.631	.649		70	65	
August -	.038	29.998	75.9	79.7	77.0	69.1	84.9	65.0	3rd, 13th	90.0	9th, 25th	.686	.694		77	68	
September -	.057	30.001	75.0	76.9	73.6	65.0	82.2	58.0	30th	91.0	1st, 2nd	.666	.692		76	75	
October -	.093	.038	66.0	68.4	64.8	57.4	72.1	44.0	31st	82.0	9th	.498	.531		78	76	
November -	.110	30.062	59.5	62.1	58.0	51.4	64.6	42.0	27th	71.0	5, 7, 11	.378	.390		72	65	
December -	30.049	29.997	53.3	57.2	52.3	45.4	59.2	36.0	29th	65.0	7th	.303	.327		75	70	
Year -	30.081	30.041	64.4	67.5	63.6	55.8	71.4	—	—	—	—	.478	.496		76.3	71.7	

## GIBRALTAR (A.M.D.).

1870.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.100	30.065	52.5	55.6	52.3	46.5	58.1	38.0	23, 24	66.0	7th, 13th	.310	.332		78	75	
February -	29.928	29.890	55.4	58.7	56.1	50.3	61.9	43.0	1st, 2nd	69.0	28th	.366	.398		84	81	
March -	29.932	29.896	58.5	61.5	57.1	50.2	64.0	42.0	31st	71.0	24th	.379	.402		78	74	
April -	30.050	30.024	61.3	63.2	59.1	51.8	66.3	47.0	3rd, 15th	78.0	15th	.426	.466		79	80	
May -	.034	.006	67.7	70.2	65.6	57.1	74.0	49.0	2nd	82.0	28, 30, 31	.484	.495		73	67	
June -	30.043	30.006	73.5	76.9	73.4	63.2	83.6	55.0	9th	90.5	27th	.586	.611		71	66	
July -	29.984	29.945	76.1	79.5	75.5	65.0	86.0	61.0	13, 28	92.0	25, 28	.622	.635		72	64	
August -	29.940	29.898	75.4	78.3	74.2	63.8	84.6	60.0	1st, 6th	92.0	5th	.659	.673		74	70	
September -	30.066	30.019	74.7	76.8	72.4	63.8	80.9	59.0	30th	90.5	3rd	.682	.682		79	74	
October -	.115	30.070	69.2	71.8	66.6	57.8	75.4	50.0	28, 31	82.0	8th	.566	.601		79	76	
November -	30.011	29.955	59.3	62.4	57.2	48.9	65.5	41.0	12th	78.0	1st	.401	.399		80	74	
December -	29.943	29.908	54.1	57.6	53.2	45.9	60.4	30.0	6th	72.0	13th	.341	.356		81	74	
Year -	30.012	29.974	64.8	67.7	63.6	55.4	71.7	—	—	—	—	.485	.504		77.3	72.9	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

GIBRALTAR.

1867.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	6.7	5.4		ins. 9.950	ins. 2.000	2nd	14	0	0	0				0	3	8	2	1	26	8	14	0
February -	3.7	3.3		0.300	.170	15th	2	0	0	0				0	4	31	2	0	2	9	7	1
March -	5.3	4.7		2.132	.450	20th	13	0	0	0				0	1	7	3	0	21	12	15	3
April -	1.6	0.7		0.000	.000	—	0	0	0	0				0	6	14	5	1	9	14	6	5
May -	2.3	1.3		0.565	.410	7th	3	0	0	0				0	1	19	5	0	16	12	4	5
June -	3.1	2.1		0.100	.100	18th	1	0	0	0				4	6	25	0	0	0	20	4	1
July -	1.7	0.8		0.000	.000	—	0	0	0	0				0	3	21	0	0	9	24	5	0
August -	4.3	1.4		0.000	.000	—	0	0	0	0				0	3	30	5	2	3	6	12	1
September -	2.5	1.9		1.149	1.070	14th	3	0	0	1				1	13	18	1	1	13	7	5	1
October -	3.5	1.8		0.830	.680	6th	2	0	0	1				0	18	18	4	2	4	8	8	0
November -	6.5	4.3		3.546	.920	16th	9	0	1	1				0	12	33	7	1	7	0	0	0
December -	3.5	3.6		4.886	1.246	11th	9	0	1	0				0	10	23	0	0	7	4	18	0
Year -	3.7	2.6		23.458	—	—	56	0	2	7				5	80	247	34	8	117	124	98	17

GIBRALTAR.

1868.				ins.	ins.																	
January -	3.1	2.8		2.220	1.380	1st	4	0	0	0				5	17	11	0	0	0	5	24	0
February -	3.9	3.2		4.000	1.500	11th	8	0	0	0				0	17	13	4	0	10	4	10	0
March -	2.5	1.2		0.370	.240	21st	5	0	0	0				0	16	32	2	0	9	0	3	0
April -	2.8	2.5		2.140	.470	4th	7	0	0	1				0	9	16	7	0	16	2	10	0
May -	3.3	2.2		3.270	2.080	5th	6	0	0	1				0	5	21	8	0	22	6	0	0
June -	2.1	1.6		1.320	.700	10th	2	0	0	1				0	5	37	0	0	7	8	3	0
July -	1.0	0.2		0.000	.000	—	0	0	0	0				1	6	0	2	0	10	12	28	3
August -	3.0	0.9		0.110	.110	16th	1	0	0	0				0	17	11	0	0	18	3	11	2
September -	5.6	3.5		4.350	.870	20th	12	0	0	0				2	24	5	1	0	0	12	16	0
October -	3.2	2.2		1.560	.520	2nd	6	0	0	0				2	12	21	3	0	20	4	0	0
November -	5.0	4.0		4.830	1.500	18th	9	0	0	1				0	2	21	0	0	17	14	6	0
December -	3.0	2.5		1.920	.500	13th	10	0	0	0				1	1	11	4	1	15	12	17	0
Year -	3.2	2.2		26.450	—	—	70	0	0	4				11	131	199	31	1	144	82	128	5

GIBRALTAR.

1869.				ins.	ins.																	
January -	5.6	3.0		2.270	1.230	30th	5	0	0	0				0	13	21	9	0	4	7	8	0
February -	2.9	2.1		1.360	.860	22nd	5	0	0	1				3	16	17	4	0	3	5	8	0
March -	1.5	1.9		1.090	.500	9th	6	0	0	0				5	5	4	0	0	11	11	26	0
April -	2.7	1.0		0.240	.240	14th	1	0	0	1				0	26	2	0	0	18	3	11	0
May -	3.2	1.0		2.530	.930	13th	7	0	0	0				2	10	5	0	0	2	27	16	0
June -	3.2	0.8		0.040	.040	13th	1	0	0	0				1	0	38	0	0	0	14	7	0
July -	2.8	0.5		0.000	.000	—	0	0	0	0				0	12	25	1	0	7	14	3	0
August -	4.1	2.4		0.250	.160	12th	3	0	0	1				1	8	30	7	2	2	10	2	0
September -	3.2	1.9		0.030	.030	29th	1	0	0	0				0	6	27	1	0	2	20	4	0
October -	4.1	1.8		1.090	.620	31st	3	0	0	0				—	—	—	—	—	—	—	—	—
November -	5.1	2.9		3.300	1.250	21st	7	0	1	1				9	6	9	10	1	2	14	9	0
December -	3.8	3.1		2.360	.500	5th	13	0	0	0				15	10	5	3	0	6	3	20	0
Year -	3.5	1.9		14.560	—	—	52	0	1	4				—	—	—	—	—	—	—	—	—

GIBRALTAR.

1870.				ins.	ins.																	
January -	5.7	3.6		3.350	1.000	28th	10	0	0	0				12	8	14	4	1	2	12	9	0
February -	5.2	5.0		6.410	1.080	24th	19	0	0	1				7	5	5	2	0	5	14	18	0
March -	3.7	2.0		3.330	.920	6th	9	0	0	1				0	6	19	6	4	2	15	7	2
April -	5.2	4.0		3.240	1.080	30th	8	0	1	0				2	5	35	10	0	1	6	1	0
May -	3.6	1.6		0.600	.540	1st	2	0	0	0				1	7	34	3	1	1	10	5	0
June -	1.8	0.6		0.000	.000	—	0	0	0	0				1	4	38	0	0	5	11	1	0
July -	1.3	0.6		0.000	.000	—	0	0	0	0				0	6	26	1	0	9	11	8	1
August -	2.3	1.0		0.480	.290	18th	3	0	0	0				0	2	25	8	0	17	7	3	0
September -	4.2	1.7		0.900	.480	22nd	4	0	0	3				0	13	21	13	0	4	4	5	0
October -	4.5	2.0		0.290	.250	3rd	2	0	0	1				1	2	27	6	0	9	7	10	0
November -	4.4	3.3		5.210	2.800	16th	9	0	0	0				0	3	18	2	1	12	11	13	0
December -	4.5	3.8		7.890	1.360	19th	15	1	0	1				0	5	7	3	0	15	10	22	0
Year -	3.9	2.4		31.700	—	—	81	1	1	7				24	67	269	58	7	82	118	102	3



## GIBRALTAR (A.M.D.).

Long. 5° 21' W. Lat. 36° 6' N. Height above Mean Sea Level, 50 feet.

1871.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins.	ins.	50°0	53°8	48°7	40°9	56°5	33°0	14th	62°0	6th, 21st	in.	in.	in.	%	%	%	
February -	30°088	30°037	55°3	58°8	55°0	47°1	62°8	43°0	6, 8, 13	69°0	8th, 28th	273	299	273	75	71	75	
March -	224	174	58°5	60°5	56°6	49°4	63°8	44°0	7th, 8th	71°5	9th	356	403	356	81	81	81	
April -	056	017	65°9	68°5	63°2	53°2	73°2	48°0	3rd, 4th	84°0	25th	393	403	393	80	77	77	
May -	30°049	30°004	66°3	69°1	65°2	56°9	73°4	53°0	17th	79°0	28th	459	484	459	73	69	69	
June -	29°908	29°888	70°5	74°0	69°1	58°7	79°5	52°0	8th	90°0	30th	512	540	512	80	72	72	
July -	30°024	0997	76°0	80°5	75°5	64°7	86°3	57°0	17th	79°0	28th	536	550	536	73	66	66	
August -	021	29°991	76°0	80°5	75°5	64°7	86°3	57°0	4th	94°0	20th	629	680	629	71	67	67	
September -	041	30°009	75°5	79°2	76°6	69°1	84°0	63°0	2, 18, 19	92°0	4th	681	755	681	77	75	75	
October -	30°006	29°964	71°5	75°1	72°8	65°9	79°6	59°0	19th	85°0	8th, 9th	610	668	610	79	77	77	
November -	29°982	942	67°8	70°0	67°7	60°6	74°7	52°0	21, 31	95°0	2nd	521	555	521	77	75	75	
December -	29°954	29°906	58°5	61°9	59°2	53°7	64°7	44°0	15th	72°5	3rd	400	453	400	81	82	82	
December	30°043	30°012	53°5	55°9	54°4	50°4	58°4	44°0	30th	67°0	1st	534	549	534	81	78	78	
Year -	30°033	29°995	64°1	67°3	63°7	55°9	71°4	—	—	—	—	475	512	—	77°3	74°2	—	

## GIBRALTAR (A.M.D.).

1872.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30°115	30°060	53°8	57°9	55°2	50°3	60°1	44°0	20th	66°0	6th	342	376	342	82	78	78
February -	30°051	30°016	55°5	58°5	57°1	51°3	62°8	45°5	3rd	80°5	28th	370	414	370	84	84	84
March -	29°919	29°886	57°0	60°7	58°5	52°8	64°2	45°8	25th	72°0	27th	361	382	361	77	72	72
April -	066	022	60°0	64°0	61°5	54°1	68°9	50°0	1st	87°0	5th	372	420	372	72	70	70
May -	099	074	64°9	68°2	66°3	56°5	76°0	51°0	24th	85°0	31st	417	417	417	68	60	60
June -	099	062	71°9	75°1	73°0	63°0	83°0	55°6	1st	90°6	30th	522	512	522	66	58	58
July -	044	002	76°2	79°8	77°3	67°2	87°3	62°0	24th	94°0	11, 15	657	665	657	73	65	65
August -	088	037	74°6	78°3	76°1	66°4	85°7	61°0	27th	91°2	20th	696	721	696	81	74	74
September -	076	032	72°9	75°0	72°8	66°5	79°0	59°4	26th	87°0	9th	601	608	601	75	70	70
October -	29°976	29°936	62°7	64°5	62°2	55°8	68°6	49°4	14, 24	77°0	2nd	424	422	424	74	70	70
November -	30°090	30°033	59°1	61°4	58°7	53°1	64°3	43°0	15th	72°0	3rd	390	406	390	77	75	75
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## GIBRALTAR (A.M.D.).

1873.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30°189	30°121	55°6	58°3	55°4	49°9	60°9	44°2	19th	65°6	6th	344	363	344	77	74	74
February -	30°161	30°108	53°1	56°3	53°3	47°4	59°2	38°8	12th	65°6	24th	285	313	285	70	68	68
March -	29°906	29°854	57°6	59°9	57°2	51°2	63°2	46°4	14th	70°2	27th	354	373	354	75	72	72
April -	030	004	58°9	63°1	59°9	52°9	66°8	45°4	2nd	72°8	6th	373	383	373	75	67	67
May -	29°989	061	66°1	70°3	66°4	58°7	74°1	53°2	3rd	88°6	26th	427	446	427	67	60	60
June -	30°001	081	70°9	75°0	70°3	62°1	78°5	57°4	9th	86°8	22nd	508	501	508	67	57	57
July -	29°990	063	75°7	81°1	76°6	67°2	86°0	61°0	7th	100°0	11th	605	600	605	68	56	56
August -	30°021	072	76°9	82°5	78°7	69°6	87°7	62°8	30th	96°8	18th	659	640	659	71	57	57
September -	30°040	084	71°8	75°6	72°9	65°3	80°5	57°8	15th	93°0	25th	591	606	591	76	68	68
October -	29°974	016	65°5	68°2	66°4	59°6	73°2	49°0	29th	81°2	5th	443	459	443	71	66	66
November -	29°991	29°949	59°4	62°8	60°7	55°1	66°2	48°0	10th	73°0	15th	400	406	400	79	71	71
December -	30°200	30°159	56°9	59°6	58°1	52°8	63°4	42°2	18th	70°2	7th	346	358	346	74	70	70
Year -	30°033	29°989	64°0	67°7	64°7	57°7	71°6	—	—	—	—	445	454	—	72°5	65°5	—

## GIBRALTAR (A.M.D.).

1874.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30°129	30°078	56°7	58°7	57°5	53°7	61°3	48°0	6th	67°0	3rd	363	368	363	79	74	74
February -	161	111	57°0	60°5	59°2	53°7	64°7	45°0	4th	71°6	11th	346	357	346	74	68	68
March -	146	092	57°6	59°9	58°9	54°4	63°4	48°0	1st	75°2	26th	341	344	341	72	67	67
April -	30°009	29°962	61°3	64°5	63°1	57°9	68°3	49°4	13th	76°2	1st	383	390	383	71	64	64
May -	29°935	095	65°9	68°1	67°9	62°6	73°2	57°0	11th	80°6	28th	422	423	422	67	62	62
June -	30°019	080	71°7	74°7	74°9	69°3	80°5	63°0	1st, 2nd	87°0	20th	508	517	508	65	59	59
July -	29°987	038	76°0	80°8	78°9	73°0	84°8	68°8	1st	92°0	28th	626	594	626	70	56	56
August -	29°975	027	75°8	80°6	78°7	72°8	84°6	70°2	26th	91°0	13th	656	650	656	75	62	62
September -	30°013	065	73°4	75°9	76°1	70°6	81°6	67°0	18, 22	88°0	11th	591	569	591	71	64	64
October -	022	075	67°1	68°9	68°4	64°0	72°8	56°0	16th	81°0	6th	488	486	488	73	69	69
November -	025	083	59°8	63°8	62°1	56°3	67°9	48°0	25th	75°4	5th	382	405	382	74	68	68
December -	30°004	29°965	51°1	56°2	53°7	47°8	59°6	39°4	30th	66°8	1st	277	304	277	74	67	67
Year -	30°035	29°990	64°5	67°7	66°6	61°3	71°9	—	—	—	—	449	451	—	72°1	65°0	—

NOTE.—The height of the station was changed to 53 feet in August 1874.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

GIBRALTAR.

1871.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	2.6	2.3		3.553	1.640	25th	7	0	0	1				1	1	6	0	0	11	9	34	0
February -	4.4	3.2		1.870	.540	23rd	6	0	0	0				0	2	18	6	0	9	11	10	0
March -	4.6	3.2		5.296	1.726	24th	11	0	0	0				0	1	26	7	0	15	7	6	0
April -	2.2	1.4		0.150	.150	19th	1	0	0	0				0	3	25	8	0	6	8	10	0
May -	5.2	2.1		4.410	1.200	13th	10	0	0	5				0	5	20	6	1	13	13	4	0
June -	2.3	1.2		1.390	.740	17th	5	0	0	1				1	3	18	1	0	6	20	11	0
July -	1.7	0.5		0.000	.000	—	0	0	0	1				0	8	28	4	0	7	7	8	0
August -	4.7	2.3		0.000	.000	—	0	0	0	0				0	16	30	4	0	8	2	2	0
September -	3.7	3.4		3.220	1.360	14th	7	0	0	1				1	0	11	2	0	6	28	12	0
October -	4.3	4.0		5.180	2.000	23rd	6	0	0	0				0	5	30	3	0	1	21	2	0
November -	5.0	4.5		0.170	2.200	28th	14	0	0	1				13	3	1	0	1	3	20	19	0
December -	6.4	6.9		7.380	1.900	3rd	18	0	0	0				14	5	21	9	0	1	8	4	0
Year -	3.9	2.9		41.619	—	—	85	0	0	10				30	52	234	50	2	86	154	122	0

GIBRALTAR.

				ins.	ins.																	
1872.																						
January -	5.1	5.5		3.180	.670	25th	11	0	0	0				15	0	2	2	0	5	13	25	0
February -	5.7	5.1		4.550	1.220	15th	16	0	0	1				3	6	13	11	2	4	7	12	0
March -	5.4	5.2		3.510	1.500	6th	7	0	0	2				2	6	15	8	0	8	10	13	0
April -	5.4	5.0		2.170	.870	23rd	5	0	0	0				3	1	13	9	1	5	16	12	0
May -	3.6	3.2		1.010	.550	24th	4	0	0	2				2	0	23	1	1	1	21	13	0
June -	3.2	2.2		0.170	.170	19th	1	0	0	1				1	1	30	0	1	0	23	4	0
July -	2.4	0.7		0.000	.000	—	0	0	0	0				0	0	24	0	0	0	33	5	0
August -	4.1	1.9		0.000	.000	—	0	0	0	0				1	2	37	1	0	0	19	2	0
September -	5.1	5.0		7.500	5.700	25th	5	0	0	1				3	1	31	0	2	1	12	10	0
October -	4.7	5.1		5.620	1.870	18th	10	0	0	1				—	—	—	—	—	—	—	—	—
November -	6.0	5.5		2.260	1.530	21st	5	0	0	0				—	—	—	—	—	—	—	—	—
December -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

GIBRALTAR.

				ins.	ins.																	
1873.																						
January -	5.7	5.8		0.530	.300	21st	3	0	0	0				14	2	20	2	0	0	12	12	0
February -	6.4	6.1		1.460	.460	18th	9	0	0	0				10	4	16	1	0	1	11	13	0
March -	6.7	6.5		4.450	.810	25th	16	0	0	0				13	1	9	0	4	3	22	10	0
April -	5.8	4.3		1.910	.470	16th	9	0	0	1				8	0	24	1	0	3	22	2	0
May -	4.1	4.2		1.530	.630	1st	7	0	0	1				1	1	30	1	1	1	13	14	0
June -	4.8	2.6		1.260	.560	5th	3	0	0	0				3	2	20	0	0	0	30	0	5
July -	3.4	1.5		0.000	.000	—	0	0	0	0				0	7	28	0	0	6	12	1	8
August -	3.5	1.0		0.000	.000	—	0	0	0	0				2	10	25	0	0	1	22	0	2
September -	4.9	2.1		0.230	.230	7th	1	0	0	0				0	18	19	0	5	9	6	2	1
October -	4.6	5.0		1.160	.380	28th	6	0	0	2				4	0	13	0	9	0	35	0	1
November -	5.4	4.7		2.590	.540	3rd	10	0	0	1				0	12	13	2	1	15	8	9	0
December -	6.0	5.1		3.720	1.740	30th	7	0	0	0				4	7	40	0	0	5	4	2	0
Year -	5.1	4.1		18.840	—	—	71	0	0	5				59	64	257	7	20	44	197	65	17

GIBRALTAR.

				ins.	ins.																	
1874.																						
January -	7.8	7.1		4.380	.960	1st	9	0	0	0				3	17	25	1	1	4	0	11	0
February -	4.7	4.3		0.970	.250	8th	5	0	0	0				3	1	12	0	1	8	20	11	0
March -	7.0	5.3		6.040	2.670	18th	6	0	0	0				0	8	45	0	0	0	4	5	0
April -	5.6	5.3		0.970	.300	5th	6	0	0	0				1	17	12	0	0	1	19	10	0
May -	3.9	3.7		1.010	.350	5th	6	0	0	1				0	18	4	0	0	5	28	7	0
June -	2.7	1.7		0.150	.150	3rd	1	0	0	1				0	1	20	0	2	7	28	2	0
July -	3.0	0.9		0.000	.000	—	0	0	0	0				2	8	30	0	0	4	16	0	2
August -	4.0	2.2		0.550	.550	25th	1	0	0	0				0	2	35	1	1	1	19	2	1
September -	4.2	3.2		0.090	.090	26th	1	0	0	2				0	14	15	0	1	9	9	11	1
October -	6.1	5.4		1.190	.500	15th	5	0	0	0				7	8	16	0	7	7	17	0	0
November -	4.7	4.8		0.800	.400	30th	4	0	0	1				5	5	15	0	4	5	12	14	0
December -	3.0	4.0		2.870	1.210	2nd	7	0	0	1				1	5	0	0	1	15	9	31	0
Year -	4.7	4.0		19.020	—	—	51	0	0	6				22	104	229	2	18	66	181	104	4



## GIBRALTAR (A.M.D.).

Long. 5° 21' W. Lat. 36° 6' N. Height above Mean Sea Level, 53 feet.

1875.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°	1st, 2nd	°		in.	in.	in.	%	%	%
January -	30° 268	30° 221	54° 0	59° 8	57° 3	51° 2	63° 4	42° 0	1st	69° 0	18th	° 350	° 374		82	73	
February -	29° 973	29° 931	54° 8	58° 9	57° 7	51° 8	63° 6	46° 4	1st	70° 2	17th	° 313	° 349		73	67	
March -	° 989	° 953	58° 0	60° 7	59° 5	54° 9	64° 1	45° 0	3rd	72° 0	7th	° 354	° 368		73	68	
April -	° 989	° 954	61° 2	63° 9	62° 7	57° 6	67° 7	52° 5	10th	77° 0	26th	° 384	° 394		71	65	
May -	29° 942	° 905	68° 9	70° 7	71° 0	65° 9	76° 0	58° 5	1st	82° 0	22nd	° 502	° 500		70	66	
June -	30° 004	° 968	72° 4	75° 3	75° 1	69° 0	81° 2	63° 5	3rd	86° 2	21st	° 492	° 481		61	54	
July -	29° 980	° 953	74° 0	77° 9	76° 8	70° 8	82° 8	65° 0	7th	87° 3	11th	° 540	° 535		64	55	
August -	29° 999	° 966	77° 2	79° 7	79° 2	74° 0	84° 4	69° 0	9th	91° 0	12th	° 653	° 638		69	60	
September -	30° 029	° 980	74° 5	76° 7	76° 9	72° 5	81° 3	69° 0	25th	86° 0	2nd	° 595	° 584		69	63	
October -	29° 996	° 948	68° 2	70° 8	70° 2	65° 7	74° 7	58° 0	20th	85° 0	9th	° 498	° 509		70	67	
November -	29° 998	° 943	61° 7	64° 0	63° 6	58° 8	68° 4	51° 5	24, 26	77° 0	6th	° 416	° 437		75	72	
December -	30° 042	29° 985	54° 1	56° 1	54° 5	50° 0	59° 0	47° 0	2nd	65° 0	16th	° 322	° 335		75	73	
Year -	30° 017	29° 976	64° 9	67° 9	67° 1	61° 9	72° 2	—	—	—	—	° 452	° 459		71° 0	65° 3	

## GIBRALTAR (A.M.D.).

1876.	ins.	ins.	°	°	°	°	°	°	9th	°		in.	in.	in.	%	%	%
January -	30° 120	30° 061	52° 9	56° 5	54° 1	48° 1	60° 0	40° 0		65° 0	7th	° 303	° 324		74	70	
February -	30° 114	30° 079	57° 5	61° 4	59° 0	52° 4	65° 6	46° 0	7th	71° 4	18th	° 371	° 385		78	71	
March -	29° 985	29° 943	59° 3	62° 5	59° 9	53° 4	66° 4	47° 0	24, 25	75° 0	1st	° 375	° 390		73	69	
April -	30° 027	° 984	62° 4	66° 3	63° 1	55° 9	70° 2	47° 0	15th	77° 5	25th	° 379	° 387		66	59	
May -	29° 934	° 909	65° 6	69° 2	67° 8	60° 9	74° 6	56° 0	12th	79° 8	23rd	° 453	° 450		72	62	
June -	30° 002	° 971	70° 1	73° 8	72° 6	66° 4	78° 7	61° 3	10th	82° 0	8, 16, 23	° 553	° 548		75	65	
July -	30° 012	° 984	76° 5	79° 3	78° 0	70° 9	85° 1	63° 0	3rd	95° 0	25th	° 681	° 693		74	69	
August -	29° 975	° 935	78° 0	81° 5	79° 5	72° 9	86° 1	60° 0	17th	92° 6	24th	° 747	° 762		77	70	
September -	° 987	° 952	75° 0	78° 2	75° 9	67° 9	83° 9	62° 0	15, 26	90° 7	1st	° 663	° 695		76	71	
October -	° 917	° 879	67° 1	70° 2	—	—	74° 6	—	—	84° 3	5th	° 530	° 537		79	71	
November -	° 971	° 934	62° 4	66° 1	64° 2	57° 3	71° 0	50° 0	5th	75° 5	1st	° 492	° 515		87	79	
December -	29° 979	29° 940	56° 6	59° 9	58° 2	53° 1	63° 2	46° 0	21st	72° 5	1st	° 428	° 442		92	85	
Year -	30° 002	29° 964	65° 3	68° 7	—	—	73° 3	—	—	—	—	° 498	° 511		76° 9	70° 1	

## GIBRALTAR (A.M.D.).

1877.	ins.	ins.	°	°	°	°	°	°	18th	°		in.	in.	in.	%	%	%
January -	30° 192	30° 148	56° 9	61° 6	58° 9	52° 1	65° 6	46° 4		70° 7	26th	° 410	° 448		87	81	
February -	30° 185	30° 139	55° 6	62° 5	58° 8	49° 9	67° 7	45° 5	25th	72° 2	15th	° 334	° 384		75	68	
March -	29° 971	29° 936	57° 8	63° 1	59° 2	51° 5	66° 9	46° 5	14th	76° 5	17th	° 394	° 417		82	71	
April -	° 929	° 891	63° 2	67° 0	63° 7	55° 9	71° 5	52° 0	9th	84° 0	23rd	° 464	° 495		80	74	
May -	° 954	° 931	66° 8	70° 8	68° 0	60° 5	75° 4	54° 3	8th	82° 3	25th	° 568	° 603		86	79	
June -	29° 993	° 950	71° 7	76° 1	72° 8	65° 1	80° 4	60° 7	5th	88° 3	15th	° 582	° 582		74	65	
July -	30° 006	° 981	75° 5	79° 0	76° 4	69° 6	83° 1	65° 5	1st	92° 3	23rd	° 706	° 719		80	72	
August -	29° 968	° 933	76° 3	82° 0	77° 9	69° 2	86° 5	63° 8	30th	90° 0	9th, 14th	° 722	° 743		80	67	
September -	29° 938	29° 900	73° 6	76° 3	74° 2	67° 7	80° 7	62° 0	11th	89° 5	17th	° 674	° 689		81	76	
October -	30° 081	30° 038	68° 1	70° 1	68° 3	63° 0	73° 5	57° 0	8th	79° 8	19th	° 562	° 595		81	80	
November -	° 081	° 029	61° 4	65° 3	62° 5	56° 5	68° 4	49° 2	16th	74° 6	5th	° 446	° 474		81	76	
December -	30° 159	30° 109	55° 2	58° 9	56° 7	51° 4	61° 9	46° 0	26th	68° 8	9th	° 370	° 406		85	80	
Year -	30° 038	29° 999	65° 2	69° 4	66° 5	59° 4	73° 5	—	—	—	—	° 519	° 546		81° 0	74° 1	

## GIBRALTAR (A.M.D.).

1878.	ins.	ins.	°	°	°	°	°	°	13th	°		in.	in.	in.	%	%	%
January -	30° 222	30° 188	51° 9	57° 7	55° 2	48° 6	61° 8	39° 5		67° 3	18th	° 324	° 357		82	74	
February -	° 235	° 200	54° 6	58° 7	56° 5	51° 1	61° 8	39° 0	3rd	69° 8	20th	° 377	° 396		87	79	
March -	30° 080	30° 045	57° 3	60° 9	58° 4	52° 3	64° 4	43° 3	18th	74° 6	2nd	° 372	° 396		79	74	
April -	—	—	64° 4	67° 7	65° 1	57° 9	72° 2	48° 8	1st	80° 0	13th	° 473	° 482		78	70	
May -	—	—	67° 4	72° 2	69° 0	61° 3	76° 6	57° 2	28th	89° 2	21st	° 575	° 624		85	79	
June -	—	—	72° 8	75° 8	73° 0	65° 5	80° 5	59° 5	4th	87° 2	28th	° 655	° 710		81	80	
July -	—	—	75° 6	78° 8	76° 3	68° 9	83° 6	61° 5	1st	91° 0	22nd	° 701	° 737		80	74	
August -	—	—	74° 6	79° 6	76° 4	67° 6	85° 3	64° 5	22nd	90° 5	19th	° 634	° 613		74	60	
September -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
October -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
November -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
December -	—	—	54° 9	58° 3	56° 7	49° 8	63° 5	44° 4	1st	76° 5	12th	° 353	° 367		80	74	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

GIBRALTAR.

1875.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	4.7	3.7		ins. 0.740	ins. .390	10th	4	0	0	0				1	15	11	1	0	8	5	21	0	
February -	4.1	4.4		2.870	.720	21st	9	0	0	0				0	0	6	2	0	12	17	19	0	
March -	6.1	6.1		4.990	1.600	19th	12	0	0	2				0	31	4	2	0	6	9	10	0	
April -	3.4	4.9		1.110	.770	22nd	6	0	0	0				0	18	12	0	0	14	9	7	0	
May -	5.6	4.0		0.900	.480	29th	4	0	0	2				0	30	12	0	0	13	7	0	0	
June -	2.1	1.5		0.170	.170	2nd	1	0	0	0				0	24	2	0	0	27	5	2	0	
July -	3.3	2.7		0.080	.080	7th	1	0	0	0				0	26	4	0	0	23	4	5	0	
August -	3.9	1.9		0.000	.000	—	0	0	0	0				0	32	9	0	0	15	2	4	0	
September -	4.1	3.5		0.000	.000	—	0	0	0	2				0	30	7	1	0	15	7	0	0	
October -	5.4	4.6		6.020	2.610	21st	9	0	0	1				0	14	2	0	0	31	7	5	3	
November -	5.2	4.6		9.770	6.380	24th	8	0	0	0				0	22	1	0	0	17	13	7	0	
December -	6.4	6.3		7.610	.950	16th	17	0	0	0				6	15	25	2	1	3	0	10	0	
Year -	4.5	4.0		34.260	—	—	71	0	0	7				7	257	95	8	1	184	85	90	3	

GIBRALTAR.

				ins.	ins.																	
1876.																						
January -	5.3	5.2		3.460	.640	23rd	12	0	0	0				3	13	14	4	2	7	8	11	0
February -	5.4	5.2		2.310	.920	12 h	7	0	0	1				1	6	17	1	0	9	12	12	0
March -	4.3	4.0		2.840	1.240	23rd	9	0	0	0				0	2	14	4	0	0	26	16	0
April -	2.6	2.6		0.680	.390	20th	3	0	0	0				0	0	16	0	0	4	30	10	0
May -	4.1	4.4		0.610	.300	18th	6	0	0	0				0	1	19	3	2	3	24	10	0
June -	2.5	2.2		0.090	.090	27th	1	0	0	0				0	0	11	1	2	4	30	12	0
July -	1.9	0.9		0.000	.000	—	0	0	0	0				0	0	45	2	7	1	7	0	0
August -	3.0	1.6		0.000	.000	—	0	0	0	0				0	1	41	0	0	1	17	2	0
September -	2.8	1.5		0.040	.020	19, 30	2	0	0	0				0	0	25	2	0	0	32	1	0
October -	5.5	5.4		1.930	.670	17th	9	0	0	1				1	1	31	1	1	1	19	7	0
November -	5.1	4.6		9.870	2.600	8th	13	0	0	1				4	0	21	1	2	2	25	4	1
December -	6.5	6.2		9.790	1.900	20th	18	0	1	1				11	7	6	0	3	15	6	14	0
Year -	4.1	3.7		31.620	—	—	80	0	1	4				20	31	260	19	19	47	236	99	1

GIBRALTAR.

				ins.	ins.																	
1877.																						
January -	4.4	3.5		2.580	1.160	3rd	6	0	0	0				4	6	18	0	1	7	16	10	0
February -	2.1	2.2		0.000	.000	—	0	0	0	0				2	2	13	0	0	0	21	18	0
March -	4.2	3.7		2.800	1.000	24th	9	0	2	2				1	9	12	0	2	4	20	14	0
April -	5.8	5.0		2.580	.780	12th	13	0	1	1				0	6	3	2	0	11	35	3	0
May -	4.8	3.6		0.980	.380	4th	6	0	0	2				2	9	18	1	1	4	23	4	0
June -	4.1	2.8		2.050	1.400	26th	6	0	1	4				0	16	5	3	0	20	14	2	0
July -	4.5	2.3		0.120	.100	9th	2	0	0	0				0	13	19	3	0	20	5	1	1
August -	3.8	1.4		0.120	.120	24th	1	0	0	0				0	20	13	3	1	20	5	0	0
September -	5.7	4.6		3.520	1.580	22nd	13	0	0	1				0	10	19	1	5	7	17	1	0
October -	4.1	3.3		0.030	.030	23rd	1	0	0	0				0	13	26	0	1	7	8	7	0
November -	3.1	2.7		0.900	.540	12th	4	0	0	1				1	14	12	0	0	5	11	17	0
December -	3.7	4.3		1.370	.470	15th	7	0	0	0				1	0	26	0	0	1	9	25	0
Year -	4.2	3.3		17.050	—	—	68	0	4	11				11	118	184	13	11	106	184	102	1

GIBRALTAR.

				ins.	ins.																	
1878.																						
January -	3.7	2.8		0.720	.590	30th	4	0	0	0				4	4	22	1	0	0	19	12	0
February -	6.4	5.0		5.700	2.010	22nd	9	0	1	3				1	5	36	3	0	0	7	4	0
March -	5.7	4.9		2.770	.860	16th	9	0	0	1				1	2	31	2	0	0	25	1	0
April -	5.1	4.5		0.940	.270	7th	6	0	0	0				3	0	15	0	0	0	42	0	0
May -	4.4	3.4		0.650	.350	4th	5	0	0	1				5	0	23	0	0	0	34	0	0
June -	2.5	2.2		0.000	.000	—	0	0	0	0				0	12	13	11	2	11	2	3	6
July -	2.7	2.4		0.000	.000	—	0	0	0	0				0	0	32	0	0	0	30	0	0
August -	2.8	2.0		0.000	.000	—	0	0	0	0				5	11	7	0	0	9	28	2	0
September -	4.7	3.7		—	—	—	—	0	0	0				1	18	31	0	0	2	6	2	0
October -	4.0	2.8		—	—	—	—	0	0	0				6	2	25	0	1	4	16	8	0
November -	3.8	3.6		—	—	—	—	0	0	0				16	4	14	0	0	0	26	0	0
December -	4.8	4.8		7.230	3.300	12th	12	0	0	0				17	2	19	0	0	0	20	4	0
Year -	4.2	3.5		—	—	—	—	0	1	5				59	60	268	17	3	26	255	36	6



## GIBRALTAR (A.M.D.).

Long. 5° 21' W. Lat. 36° 6' N. Height above Mean Sea Level, 53 feet.

1879.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	54° 1	58° 4	56° 2	49° 9	62° 5	42° 9	2nd	67° 4	22nd	349	382		82	78	
February -	—	—	54° 2	58° 8	56° 4	50° 0	62° 7	38° 2	27th	70° 3	8th	356	384		83	76	
March -	—	—	55° 0	59° 5	58° 0	51° 0	64° 9	40° 8	1st	73° 4	14th	369	401		85	78	
April -	—	—	58° 1	63° 0	60° 7	53° 5	67° 8	48° 7	16th	78° 8	30th	391	446		80	77	
May -	—	—	63° 5	68° 4	66° 8	58° 0	75° 5	53° 5	10th	84° 8	31st	475	546		80	78	
June -	—	—	69° 6	74° 0	73° 2	64° 0	82° 3	59° 8	8th	90° 5	24th	607	700		83	83	
July -	—	—	74° 1	78° 1	78° 1	69° 0	87° 2	63° 8	2nd	95° 1	13th	699	800		83	83	
August -	—	—	77° 5	81° 8	78° 8	71° 2	86° 4	66° 2	14th	90° 2	18th	746	813		78	75	
September	29° 998	29° 951	70° 4	73° 5	70° 9	62° 9	78° 9	54° 5	28th	87° 1	3rd	524	527		68	62	
October -	965	919	65° 8	69° 2	67° 1	60° 9	73° 2	52° 7	29th	80° 9	2nd	510	521		80	72	
November	29° 926	29° 883	62° 7	65° 4	63° 3	57° 4	69° 1	51° 3	19th	76° 9	25th	442	465		76	74	
December	30° 092	30° 061	55° 7	59° 1	56° 8	49° 8	63° 7	40° 1	1st	68° 8	4th	339	340		75	68	
Year -	—	—	63° 4	67° 4	65° 5	58° 1	72° 9	—	—	—	—	484	527		79° 4	75° 3	

## GIBRALTAR (A.M.D.).

1880.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30° 125	30° 093	53° 4	58° 2	54° 5	47° 9	61° 1	42° 5	3rd	66° 1	18th	316	334	325	77	69	69
February -	046	30° 014	56° 1	60° 2	56° 9	50° 6	63° 1	44° 1	11th	69° 8	21st	354	369	361	78	70	70
March -	30° 009	29° 980	58° 2	62° 5	59° 0	52° 0	66° 0	47° 8	2nd	72° 1	13th	394	404	394	81	71	71
April -	—	—	61° 1	65° 0	62° 2	54° 0	70° 3	49° 8	11th	77° 5	21st	438	469	453	81	76	76
May -	—	—	64° 1	66° 0	65° 4	56° 9	73° 8	52° 8	6th, 13th	85° 5	22nd	516	532	524	87	85	85
June -	—	—	70° 2	72° 9	69° 2	61° 5	76° 9	56° 8	11th	86° 4	29, 30	647	673	660	84	83	83
July -	—	—	75° 9	78° 8	76° 9	66° 3	87° 4	60° 1	13th	95° 4	30th	726	766	746	80	77	77
August -	—	—	74° 5	78° 1	74° 6	66° 2	83° 1	61° 0	27th	98° 8	1st	705	775	740	82	80	80
September -	—	—	73° 5	76° 9	74° 0	67° 5	80° 4	61° 0	20th	89° 0	9th	697	787	742	84	84	84
October -	—	—	67° 3	69° 7	68° 4	62° 5	74° 2	55° 4	13th	82° 1	25th	592	632	612	88	84	84
November -	—	—	58° 7	62° 0	59° 8	54° 1	65° 4	46° 0	22nd	70° 0	15, 20	445	483	464	90	87	87
December -	—	—	54° 9	60° 3	57° 2	52° 0	62° 4	46° 0	31st	68° 0	10th	389	468	428	91	90	90
Year -	—	—	64° 0	67° 6	64° 8	57° 6	72° 0	—	—	—	—	518	558	538	83° 6	79° 7	81° 6

## GIBRALTAR (A.M.D.).

1881.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	57° 4	61° 1	59° 1	54° 7	63° 5	42° 0	4th	73° 5	13th	440	501	470	92	92	92
February -	—	—	55° 9	61° 6	57° 9	52° 9	62° 9	49° 5	18th	70° 6	12th	402	498	450	90	91	91
March -	—	—	60° 5	63° 5	61° 0	55° 2	66° 8	49° 0	2nd	72° 6	6th	455	509	482	86	86	86
April -	—	—	61° 4	64° 9	62° 5	56° 3	68° 7	51° 0	23rd	74° 5	27th	467	496	481	86	81	81
May -	—	—	66° 3	70° 3	66° 6	60° 2	72° 9	56° 0	3rd, 4th	79° 5	27th	528	594	561	82	79	79
June -	—	—	69° 8	73° 2	70° 5	63° 3	77° 3	57° 4	7th	84° 0	25th	605	675	640	82	83	83
July -	—	—	75° 1	77° 8	75° 1	68° 7	82° 6	61° 0	3rd	87° 0	22nd	739	751	745	84	79	79
August -	—	—	79° 0	84° 1	78° 5	70° 0	87° 0	61° 0	26th	99° 6	14th	753	805	779	76	68	68
September -	—	—	73° 0	76° 7	73° 1	65° 8	80° 3	60° 0	22nd	87° 5	30th	680	737	708	84	80	80
October -	—	—	67° 0	72° 1	66° 4	59° 4	73° 3	47° 0	31st	80° 0	14th	560	648	604	84	82	82
November -	—	—	61° 3	66° 2	62° 5	57° 6	67° 4	47° 0	30th	74° 0	2nd	483	520	501	89	81	81
December -	—	—	54° 5	59° 9	55° 2	49° 4	60° 9	41° 0	15th	66° 5	6th	374	431	402	87	84	84
Year -	—	—	65° 1	69° 3	65° 8	59° 5	72° 0	—	—	—	—	541	597	569	85° 2	82° 2	83° 6

## GIBRALTAR (A.M.D.).

1882.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	55° 1	59° 5	55° 8	51° 0	60° 6	45° 0	9th	66° 7	8th	371	432	401	85	85	85
February -	—	—	57° 3	60° 9	56° 7	51° 2	62° 1	48° 0	13, 16	67° 5	28th	401	436	418	84	82	82
March -	—	—	58° 4	64° 3	58° 3	50° 8	65° 7	46° 0	25th	70° 0	7th	405	456	430	83	76	76
April -	—	—	64° 6	68° 9	62° 8	54° 1	71° 5	49° 0	3rd	79° 0	29th	474	511	492	79	71	71
May -	—	—	64° 9	70° 0	65° 3	58° 7	71° 8	51° 5	3rd	80° 5	26th	511	559	535	83	75	75
June -	—	—	72° 1	77° 3	71° 9	63° 6	80° 2	59° 0	10th	89° 0	10th	619	683	651	79	73	73
July -	—	—	74° 8	79° 6	73° 8	65° 9	81° 6	61° 0	11th	86° 4	12th	688	713	700	80	71	71
August -	—	—	75° 1	79° 3	75° 1	67° 0	83° 1	62° 7	20th	89° 0	13th	701	773	737	81	78	78
September -	—	—	69° 3	74° 0	69° 7	61° 9	77° 5	56° 4	21st	93° 7	3rd	585	647	616	81	75	75
October -	—	—	65° 0	69° 6	66° 1	59° 1	73° 1	52° 0	30th	81° 0	2nd	524	590	557	84	81	81
November -	—	—	59° 7	65° 3	61° 9	54° 4	69° 3	48° 0	30th	75° 5	10, 12	444	543	493	88	86	86
December -	—	—	53° 1	59° 6	56° 9	50° 1	63° 7	44° 0	9, 10	73° 8	30th	376	474	425	94	92	92
Year -	—	—	64° 1	69° 0	64° 5	57° 3	71° 7	—	—	—	—	508	568	538	83° 4	78° 8	81° 1

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

GIBRALTAR.

1879.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	4.5	4.2		3.880	1.080	21st	11	0	0	0				15	0	8	0	0	0	39	0	0
February -	3.6	3.9		1.000	.230	10th	12	0	0	0				12	0	0	0	0	0	44	0	0
March -	4.3	3.9		5.710	1.740	17th	16	0	0	1				7	0	26	0	0	0	29	0	0
April -	4.0	3.5		2.270	.780	13th	11	0	0	0				1	0	1	0	0	0	58	0	0
May -	3.1	2.2		0.000	.000	—	0	0	0	0				1	0	31	0	0	0	30	0	0
June -	2.2	1.6		0.000	.000	—	0	0	0	0				0	0	16	0	0	0	44	0	0
July -	3.9	3.5		0.000	.000	—	0	0	0	0				0	0	40	0	0	0	22	0	0
August -	3.7	2.0		0.030	.030	11th	1	0	0	1				2	0	47	0	0	0	13	0	0
September -	3.2	3.2		1.030	.820	17th	4	0	0	1				8	0	22	0	2	0	28	0	0
October -	6.5	5.1		5.640	2.450	27th	8	0	0	0				1	0	39	0	2	0	16	3	1
November -	7.3	6.0		5.620	2.250	28th	12	0	0	2				1	0	37	0	0	0	20	0	2
December -	6.4	5.6		6.280	2.340	2nd	20	0	0	0				2	0	45	0	0	0	15	0	0
Year -	4.4	3.7		31.460	—	—	95	0	0	5				50	0	312	0	4	0	358	3	3

GIBRALTAR.

				ins.	ins.																	
1880.																						
January -	4.8	4.2		8.070	2.330	24th	13	0	0	0				11	0	44	0	0	0	6	0	1
February -	6.0	4.4		2.840	1.210	25th	15	0	0	0				4	0	31	0	0	1	20	2	0
March -	6.0	4.9		3.080	.960	18th	13	0	0	1				2	3	31	3	1	11	3	8	0
April -	3.6	2.5		2.850	.900	23rd	6	0	0	0				2	4	5	0	0	19	21	8	0
May -	4.4	4.5		3.280	1.380	16th	12	0	0	1				1	19	17	0	0	9	14	2	0
June -	3.3	1.9		0.000	.000	—	0	0	0	0				0	7	8	1	0	28	12	4	0
July -	2.6	1.1		0.000	.000	—	0	0	0	0				1	20	4	0	0	27	9	1	0
August -	2.7	2.3		0.040	.040	20th	1	0	0	1				0	15	4	1	0	24	14	2	2
September -	5.0	3.7		0.000	.000	—	0	0	0	0				0	16	23	0	0	13	5	2	1
October -	6.3	5.0		2.290	1.400	7th	9	0	0	1				4	9	13	1	0	17	14	2	2
November -	5.2	4.6		5.630	1.580	29th	15	0	0	1				6	7	5	0	1	10	18	13	0
December -	4.1	3.4		1.770	.800	30th	5	0	0	0				5	11	15	1	0	10	9	11	0
Year -	4.5	3.5		29.850	—	—	89	0	0	5				37	111	200	7	2	169	145	55	6

GIBRALTAR.

				ins.	ins.																	
1881.																						
January -	7.5	6.8		19.770	5.060	29th	19	0	0	2				0	3	14	3	1	25	6	10	0
February -	5.6	4.7		6.350	1.700	20th	15	0	0	0				2	8	3	3	1	11	15	13	0
March -	5.1	5.1		4.740	1.600	28th	13	0	0	1				0	12	17	1	1	12	8	11	0
April -	4.9	4.0		6.380	1.200	20th	13	0	0	2				1	9	7	0	0	20	17	6	0
May -	4.2	3.0		1.380	.550	15th	6	0	0	0				0	16	18	0	0	13	5	10	0
June -	4.5	3.5		0.170	.150	4th	2	0	0	0				0	15	13	5	1	14	4	7	1
July -	5.7	4.0		0.620	.400	10th	6	0	0	4				0	30	7	1	0	8	11	5	0
August -	2.4	1.1		0.000	.000	—	0	0	0	0				0	17	18	3	0	12	8	4	0
September -	4.8	3.8		0.170	.150	21st	2	0	0	0				1	10	19	3	0	14	9	4	0
October -	4.7	3.7		1.900	.590	8th	10	0	0	0				0	6	6	0	1	19	8	21	1
November -	6.2	5.8		0.500	.500	28th	1	0	0	0				0	25	15	0	0	4	7	9	0
December -	4.1	3.9		6.250	4.130	10th	7	0	0	0				5	3	11	2	1	8	17	15	0
Year -	5.0	4.1		48.230	—	—	94	0	0	9				9	154	148	21	6	160	115	115	2

GIBRALTAR.

				ins.	ins.																	
1882.																						
January -	6.9	6.2		2.490	1.300	24th	6	0	0	1				0	7	46	1	0	1	2	5	0
February -	5.4	5.2		0.890	.340	12th	9	0	0	0				1	23	18	1	1	2	8	1	1
March -	3.7	3.7		1.480	.430	21st	6	0	0	0				0	9	28	2	0	5	14	4	0
April -	3.2	3.0		0.690	.260	15th	5	0	0	0				0	4	4	1	0	22	25	4	0
May -	5.3	4.0		2.380	.420	19th	15	0	0	2				0	5	14	2	1	14	23	3	0
June -	3.0	1.7		0.020	.020	15th	1	0	0	1				0	16	15	0	0	7	20	2	0
July -	2.9	2.5		0.000	.000	—	0	0	0	0				0	9	21	0	0	5	18	8	1
August -	2.0	1.5		0.000	.000	—	0	0	0	0				0	7	18	2	0	5	17	12	1
September -	3.0	2.5		0.100	.080	7th	2	0	0	0				0	1	10	0	0	2	21	26	0
October -	4.0	3.5		0.660	.460	26th	2	0	0	0				0	12	18	0	0	2	9	21	0
November -	2.2	1.8		0.020	.020	6th	1	0	0	0				0	6	10	2	0	1	14	27	0
December -	4.6	4.2		9.430	2.800	10th	15	0	0	0				0	7	3	5	0	14	20	13	0
Year -	3.9	3.3		18.160	—	—	62	0	0	4				1	106	205	16	2	80	191	126	3



## GIBRALTAR (A.M.D.).

Long. 5° 21' W. Lat. 36° 6' N. Height above Mean Sea Level, 53 feet.

1883.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins.	ins.	54° 2	59° 6	57° 2	50° 8	63° 6	45° 8	18th	72° 8	2nd	in.	in.	in.	%	%	%	
February -	—	—	55° 2	62° 1	58° 9	51° 9	65° 9	45° 0	14th	74° 5	22nd	.459	.476		93	93		
March -	—	—	55° 3	58° 7	56° 4	50° 1	62° 6	39° 5	11th	73° 0	31st	.397	.527		91	92		
April -	—	—	60° 1	63° 2	61° 3	55° 2	67° 3	48° 0	16th	75° 0	22nd	.394	.464		86	88		
May -	—	—	64° 6	68° 2	64° 7	57° 7	71° 6	50° 5	4th	84° 5	20th	.446	.514		88	89		
June -	—	—	70° 5	73° 3	68° 9	61° 4	76° 3	53° 0	3rd	80° 2	26th	.562	.636		85	88		
July -	—	—	73° 4	77° 6	73° 0	66° 0	80° 0	62° 0	15, 19	88° 2	12th	.580	.661		76	80		
August -	—	—	75° 6	80° 3	78° 4	70° 5	86° 2	65° 0	7th, 23rd	97° 5	15th	.686	.773		84	81		
September -	—	—	70° 5	77° 6	72° 2	64° 6	79° 8	58° 0	6th, 30th	85° 0	13th	.782	.869		91	84		
October -	—	—	63° 9	68° 8	65° 2	58° 6	71° 8	50° 0	23rd	77° 0	19th	.672	.808		92	83		
November -	—	—	59° 7	66° 4	62° 5	55° 7	69° 3	48° 2	25th	73° 2	6th	.516	.650		92	88		
December -	—	—	53° 2	59° 7	56° 8	50° 9	62° 6	36° 3	8th	70° 0	27th	.471	.561		91	87		
Year -	—	—	63° 0	68° 0	64° 5	57° 6	71° 4	—	—	—	—	.529	.615		88° 3	86° 8		

## GIBRALTAR (A.M.D.).

1884.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	55°5	60°5	58°6	53°5	63°7	46°0	13th	70°2	8th	.418	.469		94	89	
February -	—	—	55°7	60°7	58°0	51°7	64°2	45°0	21, 25	73°0	15th	.416	.479		93	91	
March -	—	—	57°1	59°9	58°1	52°0	64°1	47°4	9th	71°2	21st	.421	.465		90	93	
April -	29°868	29°834	58°6	61°9	59°3	53°0	65°5	48°0	26th	71°2	5th	.452	.510		91	91	
May -	29°990	.951	65°1	67°9	65°2	58°5	71°9	52°6	1st	83°0	28th	.550	.612		88	90	
June -	30°018	.988	68°4	73°8	68°8	61°3	76°2	57°5	7th	86°2	30th	.631	.738		89	86	
July -	30°013	.975	74°9	76°8	74°6	67°7	81°4	61°6	7th	85°5	25th	.774	.826		89	89	
August -	29°972	.939	77°8	82°2	78°8	70°9	86°6	65°0	22nd	94°2	15th	.794	.877		82	78	
September -	30°045	29°997	70°9	74°1	71°6	64°8	78°4	60°0	5th, 26th	84°0	11th	.589	.640		76	76	
October -	.058	30°010	65°7	67°5	66°6	62°2	70°9	54°4	25th	80°5	6th	.531	.560		84	82	
November -	.023	29°994	59°7	61°4	61°8	58°9	64°7	53°4	21st	72°0	4th, 5th	.464	.468		90	86	
December -	30°123	30°093	52°6	58°7	—	—	—	—	—	—	—	.341	.392		83	78	
Year -	—	—	63°5	67°1	—	—	—	—	—	—	—	.532	.586		87°4	85°8	

## GIBRALTAR (A.M.D.).

1885.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	51°9	53°3	53°1	47°9	58°3	36°0	16th	70°0	2nd, 10th	.346	.378		89	87	
February -	—	—	56°8	60°6	58°4	52°8	64°0	48°0	7th	70°0	9th	.421	.465		89	88	
March -	—	—	54°7	58°5	56°6	50°2	62°9	43°0	31st	70°0	5th, 6th	.386	.440		90	89	
April -	—	—	56°9	59°6	57°0	50°7	63°2	46°0	2nd	70°0	23rd	.391	.442		84	88	
May -	—	—	66°0	70°8	65°6	57°7	73°4	52°0	1st	79°0	24th	.546	.648		85	85	
June -	—	—	68°7	72°6	68°5	61°6	75°3	58°6	17th	83°2	21st	.616	.704		88	88	
July -	—	—	73°7	77°5	71°8	64°3	79°2	58°7	2nd	84°2	23, 29	.702	.859		84	90	
August -	—	—	74°4	80°4	73°4	65°0	81°8	59°0	31st	87°4	19th	.765	.920		90	89	
September -	—	—	70°5	74°6	69°0	62°0	75°9	55°0	30th	80°0	4, 10, 11	.675	.792		89	92	
October -	—	—	60°8	67°1	61°8	54°9	68°7	45°4	13th	76°2	4th	.500	.626		93	92	
November -	—	—	58°3	63°3	59°3	53°6	65°0	46°0	3rd, 4th	69°6	28th	.455	.543		92	93	
December -	—	—	56°0	61°1	56°8	50°7	62°9	43°1	31st	70°1	6th	.421	.505		93	94	
Year -	—	—	62°4	66°6	62°6	56°0	69°2	—	—	—	—	.519	.610		88°8	89°6	

## GIBRALTAR (A.M.D.).

1886.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	52°7	57°1	52°1	45°5	58°6	37°0	19th	64°7	1st, 13th	.372	.435		93	92	
February -	—	—	54°7	59°6	54°2	47°1	61°3	33°6	7th	67°4	1st	.398	.481		93	94	
March -	—	—	58°7	61°8	59°0	53°5	64°5	48°3	13th	71°0	17, 25	.451	.511		91	92	
April -	—	—	60°2	63°5	59°6	53°7	65°5	45°5	20th	72°5	8th	.465	.507		89	86	
May -	—	—	67°1	70°1	64°7	57°4	72°0	46°0	11th	82°3	11th	.525	.577		79	78	
June -	—	—	71°8	75°4	69°5	61°3	77°7	57°4	1st	83°7	26th	.594	.645		76	73	
July -	—	—	75°4	78°1	74°2	67°9	80°5	55°2	27th	86°5	24th	.659	.713		75	74	
August -	29°962	29°927	74°7	78°1	75°2	69°7	80°7	56°9	14th	86°0	10th	.715	.737		83	76	
September -	30°026	.978	73°1	76°2	73°6	68°3	78°8	60°9	24th	85°5	17th	.667	.680		81	75	
October -	29°994	.955	64°4	67°6	64°8	58°4	71°2	45°0	20th	80°8	13, 15	.497	.533		81	79	
November -	30°035	29°989	58°5	60°8	58°4	53°4	63°4	44°0	22nd	68°5	4th	.421	.435		84	83	
December -	30°106	30°070	55°4	60°0	55°9	50°1	61°7	40°0	1st	66°0	20th	.363	.402		82	77	
Year -	—	—	63°9	67°4	63°5	57°2	69°7	—	—	—	—	.511	.555		83°9	81°6	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

GIBALTAR.

1883.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm		
January -	5.4	4.1		ins.	ins.	11th	9	0	0	1				—	—	—	—	—	—	—	—	—		
February -	3.7	4.5		0.630	.300	6th	3	0	0	0				—	—	—	—	—	—	—	—	—		
March -	5.8	6.1		5.030	.860	15th	14	0	1	1				—	—	—	—	—	—	—	—	—		
April -	5.1	5.7		5.010	2.200	26th	8	0	0	0				—	—	—	—	—	—	—	—	—		
May -	3.5	4.0		2.900	1.500	15th	4	0	0	3				0	1	21	2	0	3	13	21	1		
June -	3.3	2.3		0.330	.310	3rd	2	0	0	0				0	2	22	0	0	1	16	19	0		
July -	3.4	3.1		0.080	.080	31st	1	0	0	1				0	9	22	0	0	7	18	6	0		
August -	3.8	3.8		0.110	.110	25th	1	0	0	1				0	5	46	5	0	0	3	3	0		
September -	2.5	2.1		0.000	.000	—	0	0	0	0				0	3	17	1	0	4	14	21	0		
October -	3.8	3.0		4.540	2.100	8th	5	0	0	2				0	10	24	0	0	1	4	23	0		
November -	3.9	3.5		0.000	.000	—	0	0	0	0				—	—	—	—	—	—	—	—	—		
December -	4.8	4.9		6.030	3.000	19th	5	0	0	0				0	1	31	1	0	0	5	24	0		
Year -	4.1	3.9		30.120	—	—	52	0	1	9				—	—	—	—	—	—	—	—	—		

GIBALTAR.

				ins.	ins.																	
1884.																						
January -	6.2	6.9		1.620	1.420	1st	4	0	0	0				0	10	37	1	0	3	0	11	0
February -	5.8	6.0		2.280	.400	10th	9	0	0	0				0	4	18	3	0	1	11	21	0
March -	6.6	6.5		2.420	.480	18th	12	0	0	1				0	0	26	5	0	2	17	12	0
April -	6.4	6.5		6.390	1.350	18th	17	0	0	0				0	0	3	1	0	4	20	32	0
May -	4.9	3.9		1.520	.450	21st	7	0	0	1				0	6	24	1	0	9	20	2	0
June -	4.0	2.6		0.900	.660	17th	3	0	0	1				0	7	31	0	0	4	18	0	0
July -	2.5	1.6		0.000	.000	—	0	0	0	0				0	16	10	0	0	13	23	0	0
August -	3.2	2.4		0.130	.080	15th	2	0	0	1				0	14	25	0	0	6	15	2	0
September -	3.8	4.2		1.270	.850	24th	3	0	0	0				1	14	11	0	0	7	21	6	0
October -	5.2	5.2		5.160	1.410	6th	14	0	0	0				1	20	20	0	0	4	8	8	1
November -	6.6	6.7		17.650	4.370	20th	18	0	0	0				0	34	16	0	0	0	1	8	1
December -	3.9	4.2		1.370	.720	26th	5	0	0	0				0	18	3	0	0	4	7	29	1
Year -	4.9	4.7		40.710	—	—	94	0	0	4				2	143	224	11	0	57	161	131	3

GIBALTAR.

				ins.	ins.																	
1885.																						
January -	5.6	5.1		5.940	.990	30th	19	0	0	1				0	12	15	0	0	4	9	21	1
February -	4.9	4.5		4.500	1.550	17th	10	0	0	0				0	12	8	3	0	14	3	16	0
March -	5.4	4.2		4.940	1.150	31st	15	0	0	1				0	4	13	2	2	4	15	22	0
April -	3.3	3.7		5.360	1.200	20th	16	0	0	0				0	6	0	1	0	8	25	19	1
May -	2.7	3.4		0.000	.000	—	0	0	0	0				0	31	0	0	0	4	18	9	0
June -	4.5	3.8		0.400	.200	29th	4	0	0	0				0	23	1	0	0	11	15	9	1
July -	3.1	3.0		0.000	.000	—	0	0	0	0				0	23	6	0	0	6	14	13	0
August -	3.9	4.5		1.560	1.500	28th	2	0	0	0				0	14	6	0	0	6	25	11	0
September -	4.2	4.1		0.040	.030	22nd	2	0	0	0				0	27	10	0	0	3	12	8	0
October -	4.2	4.2		2.450	.700	18th	8	0	0	0				0	9	8	0	0	4	8	33	0
November -	5.0	5.2		4.000	1.320	22nd	11	0	0	0				0	25	1	0	0	2	7	25	0
December -	4.7	4.8		15.650	6.900	11th	12	0	0	3				0	28	6	2	0	3	8	15	0
Year -	4.3	4.2		44.840	—	—	99	0	0	5				0	214	74	8	2	69	159	201	3

GIBALTAR.

				ins.	ins.																	
1886.																						
January -	4.2	4.5		7.640	1.750	26th	14	0	2	4				0	7	2	1	0	6	11	35	0
February -	4.4	3.9		2.750	1.100	16th	7	0	0	0				0	13	11	0	0	4	14	14	0
March -	5.3	4.7		4.480	3.260	11th	7	0	0	0				0	2	22	0	0	5	19	14	0
April -	5.4	4.5		5.100	1.500	26th	17	0	0	0				0	7	26	2	0	2	5	18	0
May -	3.9	3.2		0.190	.070	12, 31	5	0	0	0				0	6	20	0	0	6	9	21	0
June -	2.5	2.1		0.000	.000	—	0	0	0	0				0	6	16	0	0	7	21	10	0
July -	2.7	1.5		0.060	.060	19th	1	0	0	1				0	1	38	0	0	1	20	2	0
August -	4.0	3.0		0.000	.000	—	0	0	0	0				0	6	43	0	0	0	13	0	0
September -	4.7	2.6		0.490	.270	23rd	2	0	0	0				0	16	16	0	0	6	17	5	0
October -	3.7	4.2		2.740	1.180	18th	8	0	0	0				0	6	12	0	0	3	27	14	0
November -	5.5	4.6		7.060	1.870	11th	14	0	0	0				0	8	11	5	0	5	16	15	0
December -	4.0	4.0		2.390	.920	23rd	10	0	0	0				0	8	5	0	0	1	19	27	2
Year -	4.2	3.6		32.900	—	—	85	0	2	5				0	86	222	8	0	46	191	175	2



## MALTA (R.E.).

Long. 14° 30' E. Lat. 35° 54' N. Height above Mean Sea Level, 201 feet.

1852.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3 30 a.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
February -																	
March -																	
April -	29°688	29°671 <sup>1</sup>	60°06	60°35	—	—	—	—	—	—	—	354 <sup>6</sup>	352 <sup>5</sup>	—	70°66	69°75	—
May -	821	775 <sup>3</sup>	70°1	70°53	—	59°21	—	53°0	3rd	—	—	441	452 <sup>4</sup>	—	62°91	63°44	—
June -	794 <sup>2</sup>	760	76°4 <sup>2</sup>	77°3	—	64°7	—	61°0	3, 22, 24	—	—	556 <sup>2</sup>	537	—	63°12	59°7	—
July -	773 <sup>1</sup>	740 <sup>4</sup>	82°7 <sup>1</sup>	82°5 <sup>4</sup>	—	70°4	—	67°0	6, 13, 16	—	—	680 <sup>1</sup>	685 <sup>4</sup>	—	62°51	64°1 <sup>4</sup>	—
August -	812	773	83°4	84°2	—	72°4 <sup>2</sup>	—	68°0	9th	—	—	689	666	—	61°9	58°5	—
September	826	784	81°2	81°1 <sup>1</sup>	—	71°5 <sup>2</sup>	—	67°0	4th	—	—	689	678 <sup>1</sup>	—	65°1	65°7 <sup>1</sup>	—
October -	814 <sup>1</sup>	767 <sup>3</sup>	75°8 <sup>1</sup>	75°1 <sup>3</sup>	—	—	—	—	—	—	—	611 <sup>1</sup>	611 <sup>3</sup>	—	74°8 <sup>1</sup>	72°6 <sup>3</sup>	—
November	801 <sup>3</sup>	756 <sup>3</sup>	71°5 <sup>1</sup>	70°3 <sup>2</sup>	—	63°5 <sup>5</sup>	—	56°0	28th	—	—	507 <sup>1</sup>	486 <sup>2</sup>	—	67°3 <sup>1</sup>	68°1 <sup>2</sup>	—
December	29°871 <sup>1</sup>	29°824 <sup>2</sup>	62°5 <sup>1</sup>	62°8 <sup>2</sup>	—	56°5 <sup>2</sup>	—	51°0	28th	—	—	386 <sup>1</sup>	374 <sup>2</sup>	—	70°9 <sup>1</sup>	67°6 <sup>2</sup>	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## MALTA (R.E.).

1853.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29° 855	29° 808 <sup>2</sup>	59° 3	59° 42	—	52° 9	—	46° 0	20, 25	—	—	343	328 <sup>2</sup>	—	70° 1	67° 02	—
February -	531 <sup>1</sup>	490 <sup>2</sup>	59° 71	59° 52	—	53° 32	—	46° 0	27th	—	—	320 <sup>1</sup>	303 <sup>2</sup>	—	65° 31	62° 72	—
March -	748 <sup>1</sup>	712 <sup>5</sup>	58° 31	58° 75	—	51° 82	—	46° 0	6th	—	—	313 <sup>1</sup>	297 <sup>5</sup>	—	67° 11	63° 15	—
April -	828	806 <sup>2</sup>	61° 1	61° 64	59° 6	54° 0	65° 2	49° 0	13, 18	81° 5	23rd	366	368 <sup>4</sup>	—	69° 4	68° 74	—
May -	778 <sup>1</sup>	768	69° 02	68° 5	66° 61	59° 41	73° 81	53° 5	3rd	83° 0	16th	500 <sup>2</sup>	489	—	72° 52	72° 0	—
June -	780	750 <sup>1</sup>	71° 9	70° 82	69° 5	62° 5	76° 5	58° 0	11th	87° 0	25th	548	548 <sup>2</sup>	—	71° 9	73° 92	—
July -	782	768 <sup>3</sup>	80° 1	83° 03	79° 3	70° 7	87° 8	63° 0	7th	102° 0	21st	650	640 <sup>3</sup>	—	63° 2	59° 53	—
August -	753	728 <sup>1</sup>	81° 6	82° 91	79° 7	71° 5	87° 8	66° 0	14th	97° 0	7th	704	680 <sup>1</sup>	—	67° 2	62° 61	—
September -	688	654	77° 6	78° 7	76° 41	69° 2	83° 61	62° 0	30th	93° 0	12th	664	633	—	71° 3	66° 6	—
October -	795	760 <sup>2</sup>	72° 2	72° 12	71° 1	64° 7	77° 5	56° 0	6th	84° 5	12th	617	605 <sup>2</sup>	—	79° 3	78° 02	—
November -	717 <sup>1</sup>	690 <sup>3</sup>	65° 01	65° 13	64° 21	57° 81	70° 61	49° 0	28th	80° 0	16th	507 <sup>1</sup>	507 <sup>3</sup>	—	80° 51	83° 13	—
December -	29° 643	29° 611 <sup>2</sup>	58° 5	59° 9	57° 4	51° 3	63° 5	46° 0	29th	68° 0	8th	394	391	—	78° 5	77° 1	—
Year -	29° 742	29° 712	67° 9	68° 4	—	59° 9	—	—	—	—	—	494	483	—	72° 1	69° 5	—

NOTE.—The height of the station was changed to 151 feet on March 7th, and to 234 feet on June 21st.

## MALTA (R.E.).

1854.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29° 753	29° 727	55° 5	55° 8	54° 8	49° 0	60° 5	40° 5	28th	67° 0	10th	376	370	—	82° 5	80° 7	—
February -	748 <sup>1</sup>	729 <sup>1</sup>	50° 3	50° 71	49° 2	42° 6	55° 7	35° 0	13, 20, 22	62° 0	3rd, 6th	301	304 <sup>1</sup>	—	78° 8	78° 71	—
March -	935 <sup>1</sup>	912 <sup>1</sup>	53° 71	54° 7	51° 91	44° 21	59° 51	37° 0	1st	64° 0	14th	356 <sup>1</sup>	351	—	83° 81	79° 8	—
April -	860	836	59° 1	59° 9	57° 4	49° 2	65° 6	44° 0	4th, 5th	75° 0	13th	382	374	—	75° 2	71° 8	—
May -	694 <sup>2</sup>	678 <sup>2</sup>	66° 3	67° 71	64° 9	58° 8	71° 0	52° 0	1st	84° 0	27th	491	491 <sup>1</sup>	—	76° 4	72° 91	—
June -	799	779	75° 2	77° 2	72° 9	64° 9	80° 9	59° 0	12th	90° 0	21, 22, 30	569	556	—	67° 2	61° 6	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November -	675 <sup>3</sup>	616 <sup>3</sup>	62° 4	61° 63	60° 0	53° 1	66° 9	48° 0	3rd	77° 0	16th	435	434 <sup>3</sup>	—	76° 0	78° 43	—
December -	29° 726 <sup>2</sup>	29° 663 <sup>2</sup>	56° 52	56° 6	55° 52	49° 82	61° 12	44° 0	26th	67° 0	14th	362 <sup>2</sup>	362	—	77° 82	77° 6	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations for the years 1855, 1856.

## MALTA (R.E.).

1857.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	29° 770	29° 754	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	839	811	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	746	708	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	870	850	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	794	744	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November -	29° 865	29° 817	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	30° 089	30° 005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

MALTA.

1852.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -																								
February -																								
March -																								
April -	6.3	7.3		3.830	1.330	16th	6							3	4	5	0	3	3	3	9	0		
May -	3.3	3.1 <sup>3</sup>		0.325	.230	9th	3							3	4	6	3	6	4	1	3	1		
June -	3.5 <sup>2</sup>	2.6		0.000	.000	—	0							5	10	5	3	0	0	2	5	0		
July -	2.9 <sup>1</sup>	2.0 <sup>4</sup>		0.035	.025	29th	2							7	9	1	3	2	3	2	4	0		
August -	3.2	2.5 <sup>1</sup>		0.000	.000	—	0							9	6	6	2	1	1	1	5	0		
September	4.3	5.3		0.345	.325	8th	2							5	3	5	2	4	2	4	4	1		
October -	4.7 <sup>1</sup>	5.4 <sup>3</sup>		0.910	.380	20th	4							5	8	2	2	3	4	1	5	1		
November	3.7 <sup>1</sup>	5.0 <sup>2</sup>		0.800	.480	24th	4							2	2	3	2	4	2	7	8	0		
December	5.0 <sup>1</sup>	5.9 <sup>2</sup>		1.630	.360	27th	14							4	11	4	1	2	1	4	4	0		
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—		

NOTE.—The wind summary for 1852 includes only the morning observations.

MALTA.

1853.				ins.	ins.																	
January -	5.7	7.6 <sup>2</sup>		2.600	.650	1st	13							2	4	1	3	4	4	5	8	—
February -	4.8 <sup>1</sup>	5.6 <sup>2</sup>		4.960	3.130	1st	11							2	1	0	1	5	10	6	3	—
March -	4.7 <sup>1</sup>	7.4 <sup>6</sup>		0.870	.320	19th	10							5	6	2	1	4	1	7	5	—
April -	3.0	3.5 <sup>1</sup>		0.210	.210	1st	1							4	1	2	2	1	2	7	11	—
May -	2.1 <sup>2</sup>	3.1		0.100	.100	22nd	1							2	6	8	5	1	1	2	6	—
June -	1.5	2.1 <sup>2</sup>		0.000	.000	—	0							5	4	3	1	4	1	2	10	—
July -	0.9	0.3 <sup>3</sup>		0.000	.000	—	0							14	6	7	0	0	0	0	4	—
August -	0.7	0.5 <sup>1</sup>		0.000	.000	—	0							8	9	4	1	1	0	3	5	—
September -	2.9	3.1		1.150	1.050	15th	3							6	5	3	1	1	3	3	8	—
October -	3.0	5.4 <sup>2</sup>		2.220	1.650	31st	4							4	1	10	5	4	1	1	5	—
November -	5.6 <sup>1</sup>	5.8 <sup>1</sup>		9.933	3.275	29th	16							2	0	5	5	3	5	4	6	—
December -	5.6	5.5		3.549	1.180	25th	16							2	1	1	2	5	6	8	6	—
Year -	3.4	4.2		25.592	—	—	75							56	44	46	27	33	34	48	77	—

NOTE.—The wind summary for 1853 includes only the morning observations.

MALTA.

1854.				ins.	ins.																	
January -	5.6	4.6		5.085	2.100	19th	12							4	10	6	10	5	7	7	13	—
February -	6.1	6.0 <sup>1</sup>		2.960	.800	20th	15							5	5	4	0	0	3	13	26	—
March -	5.3 <sup>1</sup>	4.3		3.095	1.200	15th	10							8	12	14	8	0	4	7	9	—
April -	3.7	3.7		1.080	.410	1st	5							8	17	8	6	4	3	3	11	—
May -	5.2	4.0 <sup>1</sup>		0.561	.210	12th	5							7	7	9	14	1	4	8	12	—
June -	2.3	1.5		0.000	.000	—	0							10	6	6	8	5	6	7	12	—
July -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
August -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
September -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
October -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
November -	4.6	2.8 <sup>3</sup>		2.520	.830	7th	13							3	4	2	0	4	25	12	10	—
December -	5.2 <sup>2</sup>	3.0		3.320	1.150	13th	15							3	2	1	3	3	12	14	24	—
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—No observations for the years 1855, 1856.

MALTA.

1857.				ins.	ins.																	
January -																						
February -																						
March -																						
April -																						
May -																						
June -	3.9	3.4		0.100	.100	7th	1							4	3	9	4	0	4	11	25	—
July -	0.7	0.2		0.000	.000	—	0							6	24	2	4	0	4	1	21	—
August -	2.9	2.5		0.000	.000	—	0							11	18	5	7	1	1	1	18	—
September -	4.5	3.9		1.000	.400	20th	3							4	14	8	12	4	7	1	10	—
October -	6.1	6.4		2.263	.530	19th	9							2	16	9	9	4	10	2	10	—
November -	5.9	5.4		1.950	.750	22nd	6							2	16	7	12	8	8	0	7	—
December -	6.2	6.1		1.045	.290	22nd	7							3	12	10	10	4	1	4	18	—
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



Long. 14° 30' E. Lat. 35° 54' N. Height above Mean Sea Level, 234 feet.

MALTA (R.E.).MALTA (R.E.).MALTA (R.E.).[illegible]

Thermometers ? feet above ground. Rain-gauge, on or near the ground.

MALTA.

1858.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	6.8	7.1		ins. 3.685	ins. .750	12th	20							8	10	5	5	1	8	3	22	—		
February -	5.9	6.4		1.480	.700	2nd	10							1	9	3	3	8	7	9	16	—		
March -	4.1	4.1		0.150	.150	16th	1							4	2	4	6	3	8	10	25	—		
April -	4.6	—		0.095	.065	29th	2							—	—	—	—	—	—	—	—	—		
May -	4.1	3.5		0.000	.000	—	0							4	5	4	5	2	5	7	30	—		
June -	2.8	2.8		0.085	.050	30th	3							3	17	4	5	1	12	13	5	—		
July -	1.5	1.2		0.000	.000	—	0							8	3	0	10	4	9	2	26	—		
August -	3.3	2.2		0.110	.095	12th	2							0	6	6	10	3	6	5	26	—		
September -	4.0	4.5		0.555	.355	16th	2							5	8	6	4	2	4	3	28	—		
October -	6.5	6.5		0.605	.250	18th	8							2	9	6	11	7	8	7	12	—		
November -	6.3	6.3		3.135	1.275	10th	11							5	6	2	4	4	9	6	24	—		
December -	7.1	7.2		5.985	1.025	31st	24							7	9	2	7	1	12	7	17	—		
Year -	4.8	—		15.885	—	—	83							—	—	—	—	—	—	—	—	—		

MALTA.

1859.				ins.	ins.																	
January -	8.1	7.5		6.810	1.900	27th	20							7	22	16	4	2	3	7	1	—
February -	5.6	6.5		2.256	.805	16th	12							6	8	1	4	8	6	9	14	—
March -	5.3	5.6		1.320	.300	21st	9							5	5	7	7	5	4	13	16	—
April -	4.6	4.7		0.175	.125	13th	2							1	3	10	3	7	9	11	16	—
May -	4.9	4.7		0.325	.200	8th	4							8	9	9	4	2	6	4	20	—
June -	1.9	1.8		0.000	.000	—	0							1	7	4	8	0	4	8	28	—
July -	1.8	2.1		0.000	.000	—	0							9	22	1	1	1	2	6	20	—
August -	3.0	2.2		0.065	.065	24th	1							9	18	2	6	1	4	9	13	—
September -	3.6	3.6		0.250	.135	19th	2							2	21	1	0	8	2	6	20	—
October -	4.6	4.6		0.000	.000	—	0							4	9	1	3	7	14	6	18	—
November -	7.3	7.0		6.015	1.650	16th	19							0	19	4	8	5	4	5	15	—
December -	6.6	7.0		3.130	.600	25th	14							6	10	1	4	0	14	12	15	—
Year -	4.8	4.8		20.346	—	—	83							58	153	57	52	46	72	96	196	—

MALTA.

1860.				ins.	ins.																	
January -	5.6	6.1		0.875	.250	22nd	8							3	5	1	9	2	10	12	20	—
February -	6.1	6.2		1.725	.425	24th	14							3	5	2	1	3	14	13	17	—
March -	6.6	5.4		1.150	.200	19th	15							3	9	1	3	4	6	14	22	—
April -	5.4	5.7		0.140	.095	13th	2							3	6	2	10	5	6	8	20	—
May -	3.7	4.4		0.255	.115	23rd	3							7	2	1	5	6	4	8	29	—
June -	2.0	2.4		0.000	.000	—	0							8	13	7	16	0	1	1	14	—
July -	1.8	1.7		0.000	.000	—	0							9	6	3	3	1	3	6	31	—
August -	1.3	1.5		0.000	.000	—	0							17	20	0	1	6	1	5	12	—
September -	2.9	3.1		0.000	.000	—	0							8	10	1	13	2	6	6	14	—
October -	4.2	5.0		1.805	.875	5th	5							3	8	14	10	4	3	3	17	—
November -	5.9	6.8		1.720	.830	4th	11							3	4	1	15	11	5	5	16	—
December -	6.3	6.4		1.690	.400	17th	12							1	2	0	5	0	15	18	21	—
Year -	4.3	4.6		9.360	—	—	70							68	90	33	91	44	74	99	233	—

MALTA.

1861.				ins.	ins.																	
January -	5.2	5.1		3.415	2.200	10th	10							3	14	1	10	1	12	3	18	—
February -	4.9	4.5		0.000	.000	—	0							1	8	5	12	11	7	1	11	—
March -	6.0	6.9		1.115	.275	8th	12							1	6	3	6	2	6	8	30	—
April -	4.2	4.7		0.600	.240	12th	6							7	6	3	8	1	8	4	23	—
May -	3.9	4.0		0.190	.085	14th	3							2	14	7	11	2	5	4	17	—
June -	2.2	2.2		0.000	.000	—	0							5	17	6	7	1	4	1	19	—
July -	0.9	0.8		0.000	.000	—	0							8	15	2	10	2	0	2	23	—
August -	1.9	1.5		0.000	.000	—	0							11	27	0	0	0	0	3	21	—
September -																						—
October -																						—
November -																						—
December -																						—
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—



## MALTA (A.M.D.).

Long. 14° 31' E. Lat. 35° 54' N. Height above Mean Sea Level, 112 feet.

1865.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.											in.	in.		%	%	
January -	29.764		59.2		58.1	53.7	62.4	48.5	—	71.1	—	.368			73		
February -	.664		54.2		53.1	48.7	57.5	37.1	—	64.8	—	.380			91		
March -	.654		57.0		55.7	51.4	60.0	45.8	—	70.2	—	.309			66		
April -	.972		61.4		59.5	55.4	63.5	47.3	—	70.2	—	.374			69		
May -	.915		71.2		69.7	64.1	75.2	56.0	—	85.1	—	.480			62		
June -	.885		76.4		74.5	69.5	79.5	64.2	—	86.0	—	.568			62		
July -	.852		82.0		79.9	74.5	85.2	71.8	—	92.1	—	.654			59		
August -	.836		83.4		81.7	76.3	87.1	72.6	—	94.5	—	.699			61		
September	.965		78.1		76.1	71.1	81.1	61.6	—	86.2	—	.590			61		
October -	.772		73.5		72.1	67.8	76.3	59.6	—	84.2	—	.558			68		
November	.905		65.8		64.1	59.1	69.1	48.6	—	77.2	—	.406			66		
December	29.955		58.7		57.8	53.9	61.7	47.9	—	69.8	—	.334			67		
Year -	29.845		68.4		66.9	62.1	71.6	—	—	—	—	.477			67.1		

## MALTA (A.M.D.).

1866.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.020	29.987	57.1	58.9	56.7	53.0	60.4	49.7	20th	66.2	13th	.326	.321		70	64	
February -	29.912	.873	59.1	61.7	58.8	54.2	63.3	49.3	25th	68.6	15th	.377	.379		75	69	
March -	.749	.709	62.3	64.8	61.5	56.3	66.7	49.5	31st	77.0	2nd	.395	.406		71	68	
April -	.888	.869	64.0	66.2	63.1	58.0	68.2	49.8	1st	75.7	20th	.420	.421		70	66	
May -	.806	.781	67.6	69.5	66.7	62.0	71.4	58.0	19th	80.6	1st	.484	.477		72	66	
June -	.840	.814	74.4	76.9	73.6	67.9	79.2	61.3	1st	88.5	16th	.582	.582		68	62	
July -	.808	.794	80.1	83.4	79.6	73.5	85.6	69.6	3rd	93.6	25th	.649	.609		63	54	
August -	.815	.801	79.3	82.0	78.4	72.7	84.1	68.9	15th	91.0	9th	.665	.643		66	59	
September	.854	.828	77.6	79.0	76.5	71.6	81.3	66.9	28th	88.8	3rd	.641	.633		68	64	
October -	.865	.848	72.1	72.6	70.7	66.1	75.3	55.6	24th	85.9	12th	.550	.543		69	71	
November	29.902	.870	65.4	66.6	64.1	60.0	68.2	51.3	29th	74.1	2nd, 6th	.417	.425		66	66	
December	30.000	29.951	60.3	62.5	59.8	55.4	64.1	51.2	18, 23	69.4	2nd	.384	.390		72	70	
Year -	29.872	29.844	68.3	70.3	67.5	62.6	72.3	—	—	—	—	.491	.486		69.2	64.9	

## MALTA (A.M.D.).

1867.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.820	29.785	60.7	62.9	60.3	55.7	64.8	48.8	16th	71.6	14th	.380	.376		74	66	
February -	30.098	30.051	58.8	60.6	57.7	53.1	62.3	45.1	4th	65.2	25th	.339	.343		76	69	
March -	29.654	29.634	64.6	66.5	63.3	58.0	68.6	50.0	7th	83.2	18th	.439	.439		72	67	
April -	.783	.766	64.2	66.0	63.4	58.9	67.9	53.4	3rd	75.0	26th	.455	.461		76	73	
May -	.835	.819	70.2	71.6	68.5	63.3	73.7	58.4	4th	78.2	31st	.500	.485		67	63	
June -	.790	.770	75.5	77.6	74.2	69.0	79.4	65.5	3rd	84.0	28th	.591	.561		66	59	
July -	.838	.821	80.8	83.7	79.9	73.6	86.2	68.5	2nd	103.3	17th	.657	.653		63	56	
August -	.810	.812	80.9	83.0	80.1	74.7	85.4	66.8	31st	92.0	25th	.738	.692		69	61	
September	.880	.850	79.6	81.2	78.1	73.0	83.1	61.2	28th	88.2	5th	.738	.717		73	68	
October -	.889	.866	72.4	73.1	69.9	65.1	74.7	57.4	29th	82.0	4th	.532	.507		65	63	
November	.949	.915	62.4	63.8	61.2	56.7	65.7	42.4	25th	73.8	17th	.402	.414		72	70	
December	29.746	29.713	56.0	57.2	55.3	50.3	60.3	43.2	22nd	67.4	10th	.321	.325		71	69	
Year -	29.843	29.817	68.8	70.6	67.7	62.6	72.7	—	—	—	—	.508	.498		70.3	65.3	

## MALTA (A.M.D.).

1868.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.783	29.749	55.7	57.1	55.3	51.1	59.5	44.7	29th	66.1	5th	.328	.345		74	74	
February -	30.053	30.022	56.1	57.9	55.6	51.0	60.1	45.5	23rd	64.9	9th	.342	.337		76	71	
March -	29.749	29.721	56.2	58.3	55.4	50.5	60.3	42.9	27th	70.2	10th	.340	.338		75	69	
April -	.859	.839	61.3	62.8	59.9	54.7	65.1	48.2	2nd	75.8	29th	.415	.434		77	76	
May -	.846	.831	69.1	69.9	67.8	63.3	72.3	59.3	10th	80.2	31st	.636	.655		89	90	
June -	.823	.810	75.5	76.7	73.7	68.7	78.7	61.2	30th	84.8	25th	.806	.849		91	92	
July -	—	—	79.8	81.6	79.1	73.4	84.7	68.9	10th	92.2	29th	.739	.691		73	64	
August -	.893	.875	81.3	83.5	80.8	75.6	86.0	72.1	4th, 20th	92.4	14th	.723	.678		68	59	
September	.943	.911	78.4	79.3	76.8	71.9	81.6	66.0	9th, 10th	86.2	30th	.661	.657		69	66	
October -	.896	.868	72.6	73.2	70.3	65.3	75.2	55.0	24th	87.1	2nd	.574	.572		72	70	
November	29.906	29.859	62.2	63.9	61.1	56.4	65.7	50.1	15th	72.1	7th	.393	.399		71	67	
December	30.064	30.028	61.2	62.9	60.6	56.8	64.3	53.5	19th	70.1	8th	.424	.418		79	73	
Year -	—	—	67.5	68.9	66.4	61.6	71.1	—	—	—	—	.532	.531		76.2	72.6	

Thermometers, 2 feet above ground. Rain-gauge on, or near the ground.

MALTA.

1865.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	5.2			ins. 1.950*	—	—	8							17	—	7	—	9	—	28	—	1		
February -	6.6			4.200*	—	—	19							24	—	5	—	3	—	24	—	0		
March -	6.0			0.670	—	—	11							16	—	7	—	11	—	28	—	0		
April -	3.9			0.150	—	—	4							21	—	28	—	5	—	6	—	0		
May -	4.2			0.000	—	—	0							26	—	23	—	3	—	7	—	3		
June -	4.0			0.210	—	—	3							21	—	19	—	5	—	12	—	3		
July -	1.7			0.000	—	—	0							27	—	13	—	4	—	14	—	4		
August -	2.0			0.000	—	—	0							24	—	16	—	3	—	14	—	5		
September -	3.0			4.610	—	—	6							26	—	17	—	3	—	9	—	5		
October -	6.1			2.750	—	—	6							20	—	16	—	11	—	15	—	0		
November -	5.2			2.750	—	—	11							18	—	9	—	13	—	17	—	3		
December -	6.0			4.680*	—	—	14							20	—	25	—	8	—	7	—	2		
Year -	4.5			21.970	—	—	82							260	—	185	—	78	—	181	—	26		

\* From gauge 26 feet above ground.

MALTA.

				ins.	ins.																	
1866.																						
January -	5.5	5.4		0.630	.370	3rd	7	0	0	0				1	22	4	5	0	4	2	19	5
February -	4.4	4.2		2.250	1.900	25th	5	0	0	0				0	6	5	10	0	10	3	16	6
March -	4.6	4.6		0.480	.280	5th	5	0	0	0				2	4	4	5	2	11	6	27	1
April -	5.1	3.9		0.110	.060	1st	2	0	0	0				2	24	1	15	3	3	1	11	0
May -	4.3	4.2		0.600	.270	21st	7	0	0	0				5	24	9	8	0	2	0	13	1
June -	3.7	2.7		0.220	.150	10th	3	0	0	2				8	20	3	9	0	1	1	13	5
July -	1.7	2.3		0.000	.000	—	0	0	0	0				5	15	1	0	0	1	1	38	1
August -	2.9	3.8		0.090	.090	15th	1	0	0	0				2	15	1	8	0	1	1	29	5
September -	3.5	3.2		0.100	.040	28th	3	0	0	0				2	8	6	11	2	5	1	22	3
October -	6.8	7.2		3.120	1.220	10th	15	0	0	2				1	20	8	11	0	7	1	13	1
November -	5.3	6.3		2.290	.710	29th	11	0	1	0				2	5	3	5	3	3	0	30	9
December -	5.0	5.0		0.650	.180	18th	8	0	0	0				2	8	4	1	0	7	1	25	14
Year -	4.4	4.4		10.540	—	—	67	0	1	5				32	171	49	88	10	55	18	256	51

MALTA.

				ins.	ins.																	
1867.																						
January -	5.0	5.2		0.590	.230	27th	10	0	2	1				1	3	1	8	1	18	3	21	6
February -	4.7	5.5		0.290	.090	3, 21	4	0	0	0				1	6	6	5	0	0	1	22	15
March -	5.2	6.1		0.740	.210	7, 12	6	0	0	1				0	4	1	10	0	7	5	29	6
April -	5.4	5.6		0.330	.120	6th	6	0	0	1				1	13	5	8	0	2	4	27	0
May -	2.5	3.3		0.000	.000	—	0	0	0	1				3	21	6	11	0	2	1	17	1
June -	3.3	4.0		0.010	.010	10th	1	0	0	1				2	23	2	3	1	2	2	25	0
July -	2.2	1.5		0.000	.000	—	0	0	0	0				6	8	3	12	2	2	2	24	3
August -	2.8	2.5		1.260	1.200	31st	2	0	0	2				7	17	3	8	1	4	3	19	0
September -	3.4	2.6		1.410	.800	27th	4	0	0	2				4	15	3	17	1	5	2	13	0
October -	5.3	4.7		1.170	.700	23rd	8	0	0	5				1	20	0	10	2	7	2	20	0
November -	6.2	6.3		3.150	.550	25th	16	0	1	3				2	19	0	10	0	3	1	24	1
December -	7.4	7.2		3.910	.660	4th	22	0	5	1				0	8	0	5	0	9	3	35	2
Year -	4.5	4.5		12.860	—	—	79	0	8	18				28	157	30	107	8	61	29	276	34

MALTA.

				ins.	ins.																	
1868.																						
January -	7.0	7.5		3.380	.710	10th	18	0	3	0				2	5	0	4	0	16	1	28	6
February -	5.4	5.1		0.530	.210	18th	4	0	0	0				0	20	0	8	0	3	0	21	6
March -	6.3	6.3		6.790	2.860	14th	19	0	4	2				0	13	0	3	0	4	0	38	4
April -	5.4	5.8		2.090	1.080	6th	6	0	0	1				3	12	3	7	3	6	0	22	4
May -	4.4	5.1		0.080	.060	16th	2	0	0	0				6	21	11	5	0	1	1	11	6
June -	5.2	4.8		0.230	.130	16th	4	0	0	3				0	27	2	3	1	5	0	16	6
July -	3.0	2.3		0.080	.080	1st	1	0	0	0				2	22	1	2	0	1	0	30	4
August -	2.5	2.5		0.000	.000	—	0	0	0	0				6	19	2	6	2	2	1	20	4
September -	3.8	3.7		0.710	.380	16th	5	0	0	3				4	17	1	12	1	4	0	10	11
October -	5.3	5.5		5.420	1.010	20th	15	0	0	6				0	8	3	13	0	2	2	20	14
November -	4.9	5.5		4.690	1.240	25th	17	0	0	2				4	11	2	6	0	7	6	16	8
December -	4.4	4.8		1.780	.730	5th	9	0	0	0				1	6	7	9	4	5	3	27	0
Year -	4.8	4.9		25.780	—	—	100	0	7	17				28	181	32	78	11	56	14	259	73



## MALTA (A.M.D.).

Long. 14° 31' E. Lat. 35° 54' N. Height above Mean Sea Level, 112 feet.

	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
1869.	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.037	29.996	54.9	56.2	54.3	50.8	57.8	41.0	27th	65.1	1st	.316	.319		73	71	
February -	30.127	30.078	58.7	60.9	57.8	53.4	62.2	50.1	14th	65.5	8th	.388	.379		79	71	
March -	29.535	29.511	56.7	58.9	55.9	50.5	61.3	41.5	5th	69.6	10th	.314	.325		68	66	
April -	.923	.891	61.2	63.1	60.1	55.4	64.8	49.1	7th	71.7	15th	.378	.372		71	65	
May -	.877	.850	70.3	73.2	69.3	63.5	75.1	57.1	2nd	87.6	31st	.521	.485		70	60	
June -	.895	.884	77.5	79.3	76.1	70.3	81.9	62.3	3rd	99.0	13th	.569	.563		61	56	
July -	.893	.875	80.1	82.0	79.1	74.1	84.1	69.0	4, 27	90.0	20th	.694	.662		67	60	
August -	.899	.872	79.7	82.3	78.6	73.2	83.9	65.2	20th	93.7	2nd	.664	.622		65	56	
September -	.974	.942	78.0	79.7	76.3	71.4	81.2	66.5	26th	87.1	12th	.628	.626		66	62	
October -	.964	.925	71.6	73.0	70.0	65.2	74.7	58.7	11th	83.2	3rd	.501	.507		65	63	
November -	.900	.853	64.3	65.5	63.3	59.6	67.0	54.0	14th	73.1	8th	.427	.428		71	69	
December -	29.953	29.918	60.8	61.9	59.9	56.3	63.5	45.0	27th	67.6	1st, 22nd	.388	.374		73	68	
Year -	29.915	29.883	67.8	69.7	66.7	62.0	71.5	—	—	—	—	.482	.472		69.1	63.9	

## MALTA (A.M.D.).

1870.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.951	29.924	55.5	57.2	55.1	51.0	59.2	42.8	30th	64.2	22nd	.314	.316		71	67	
February -	.771	.737	57.8	59.6	57.0	52.8	61.2	46.6	5th	69.0	25, 27	.357	.351		75	69	
March -	.653	.627	58.0	59.9	57.2	52.9	61.4	46.0	25th	67.6	6th	.355	.345		74	66	
April -	.854	.835	60.9	62.3	59.1	54.2	63.9	49.0	5th	75.6	29th	.355	.352		66	63	
May -	.852	.832	69.6	70.9	68.5	63.4	73.6	57.0	3rd	83.2	27th	.522	.518		73	68	
June -	.867	.853	76.6	78.8	75.6	70.4	80.8	67.8	5th, 6th	91.6	30th	.648	.628		71	64	
July -	.767	.746	81.6	84.0	80.9	75.3	86.4	73.0	8, 19, 20	98.4	1st	.711	.694		66	59	
August -	.745	.717	81.5	83.9	80.4	75.0	85.7	69.0	24th	92.0	1st	.725	.688		68	59	
September -	.900	.872	76.4	78.0	74.7	69.8	79.6	57.0	24th	91.0	3rd	.589	.571		65	59	
October -	.903	.865	71.3	72.9	69.9	65.7	74.1	61.0	7th, 8th	83.2	10th	.517	.506		68	62	
November -	.867	.829	67.9	69.4	66.8	62.5	71.0	55.8	13th	77.6	17th	.484	.462		70	64	
December -	29.727	29.690	60.4	61.9	60.1	55.7	64.4	49.0	8th	71.6	17th	.378	.371		72	67	
Year -	29.821	29.794	68.1	69.9	67.1	62.4	71.8	—	—	—	—	.496	.484		69.9	63.9	

## MALTA (A.M.D.).

1871.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.721	29.689	55.5	57.3	54.9	50.6	59.2	45.0	11th	63.0	12, 18, 25	.321	.318		72	68	
February -	30.023	.988	56.5	58.3	55.7	51.2	60.2	48.0	15th	64.4	27th	.336	.329		73	67	
March -	29.940	.906	58.6	59.7	56.9	52.2	61.6	48.0	21st	68.0	16, 17	.335	.338		68	66	
April -	.852	.826	63.4	65.7	62.1	56.8	67.4	48.4	1st	78.0	24th	.422	.407		72	66	
May -	.815	.792	68.8	70.7	67.5	62.2	72.8	58.0	2nd	89.0	17th	.476	.470		68	62	
June -	.824	.810	73.5	75.4	72.3	67.2	77.4	64.2	29th	83.0	19, 21	.547	.524		66	59	
July -	.818	.801	80.1	82.8	79.0	72.6	85.4	67.0	3rd	96.4	24th	.627	.610		61	55	
August -	.859	.836	80.0	81.8	78.9	73.9	83.8	68.4	30th	90.4	17th	.690	.657		67	61	
September -	.906	.872	79.8	81.7	78.4	73.2	83.5	70.4	6th	93.0	29th	.669	.643		66	60	
October -	.832	.798	74.4	75.9	73.1	68.3	77.9	59.0	15th	92.4	1st	.565	.560		66	63	
November -	.719	.683	65.0	66.7	64.4	60.1	68.6	50.0	21st	76.0	8th	.441	.436		72	67	
December -	29.826	29.793	56.9	58.5	56.3	52.3	60.3	46.6	7th	71.0	1st	.348	.349		75	71	
Year -	29.845	29.816	67.7	69.5	66.6	61.7	71.5	—	—	—	—	.481	.470		68.8	63.8	

## MALTA (A.M.D.).

1872.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.805	29.772	56.2	58.3	55.7	51.4	60.0	45.0	11, 16	65.0	26, 27	.337	.337		74	69	
February -	.989	.960	58.6	60.2	57.6	53.4	61.8	48.0	19th	67.0	16th	.364	.357		74	68	
March -	.789	.763	60.3	61.7	59.1	54.6	63.6	50.0	2nd	70.2	30th	.389	.383		75	70	
April -	.754	.719	63.7	65.7	62.2	56.9	67.5	50.0	7th	76.8	20th	.398	.394		68	63	
May -	.866	.839	68.2	70.1	66.5	61.3	71.7	57.8	11th	—	—	.473	.481		68	66	
June -	.877	.859	73.4	75.5	72.0	66.1	77.8	60.0	5th	87.6	27th	.566	.542		68	61	
July -	.839	.817	79.0	81.8	78.7	72.7	84.7	68.0	2nd	93.2	16th	.674	.605		68	56	
August -	.832	.809	80.5	82.4	80.0	73.8	86.1	70.2	30th	92.2	16th	.675	.672		64	61	
September -	.896	.862	79.1	80.6	77.6	72.8	82.4	68.2	30th	89.0	14, 15	.680	.674		69	64	
October -	.880	.849	74.6	75.9	73.2	69.1	77.3	63.2	22nd	82.2	15th	.607	.591		71	66	
November -	.923	.883	66.3	67.5	65.2	61.1	69.2	55.4	20th	73.8	3rd, 14th	.471	.450		73	67	
December -	29.875	29.827	62.1	64.0	61.6	57.8	65.4	54.0	15, 18, 22	73.0	2nd	.376	.397		68	66	
Year -	29.860	29.830	68.5	70.3	67.5	62.6	72.3	—	—	—	—	.501	.490		70.0	64.8	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

MALTA.

1869.	Amount of Cloud.			Rainfall.			Weather, No. of days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	6.3	6.5		ins. 6.190	ins. 1.450	21st	17	0	1	0				3	25	3	8	1	1	0	19	2		
February -	4.5	4.5		0.190	.140	4th	3	0	0	0				2	11	2	6	0	4	2	29	0		
March -	5.9	6.2		2.680	.420	2nd	16	0	3	4				2	1	2	8	2	9	8	30	0		
April -	4.9	4.5		0.550	.190	7th	7	0	0	0				7	10	10	8	1	3	2	19	0		
May -	4.2	3.8		0.000	.000	—	0	0	0	0				11	5	10	17	1	1	0	17	0		
June -	3.4	3.1		0.010	.010	2nd	1	0	0	0				7	12	6	6	3	3	4	19	0		
July -	2.1	2.1		0.370	.370	27th	1	0	0	1				6	19	4	2	0	0	2	29	0		
August -	2.6	2.2		0.840	.450	20th	6	0	0	4				11	10	4	2	1	0	2	32	0		
September	2.0	1.6		0.000	.000	—	0	0	0	0				3	25	1	2	0	8	1	20	0		
October -	4.0	4.1		6.250	4.400	11th	6	0	0	4				3	16	5	6	2	7	4	15	4		
November	4.7	4.4		1.650	.560	19th	11	0	0	0				3	11	8	2	0	4	4	27	1		
December	5.2	4.9		3.490	1.610	27th	8	0	1	1				4	8	5	11	1	12	3	18	0		
Year -	4.2	4.0		22.220	—	—	76	0	5	14				62	153	60	78	12	52	32	274	7		

MALTA.

1870.				ins.	ins.																		
January -	4.5	4.5		2.020	.500	13th	10	0	0	0				1	6	3	8	2	4	2	36	0	
February -	4.9	4.8		2.220	.970	7th	10	0	0	1				1	9	6	13	2	5	5	15	0	
March -	6.4	5.7		2.540	1.190	21st	10	0	1	1				2	7	2	8	2	7	11	23	0	
April -	3.6	4.3		2.280	1.500	13th	7	0	0	0				2	18	4	3	2	3	3	25	0	
May -	3.5	3.6		0.060	.060	6th	1	0	0	0				7	24	6	4	0	1	1	13	6	
June -	3.0	2.4		0.050	.030	roth	2	0	0	1				10	26	3	3	0	2	2	14	0	
July -	2.1	1.5		0.000	.000	—	0	0	0	0				8	11	2	4	0	0	5	28	4	
August -	2.2	1.7		0.070	.060	21st	2	0	0	0				2	4	0	11	1	2	4	29	9	
September	4.3	3.6		2.980	1.000	24th	8	0	0	3				4	25	4	2	1	2	2	20	0	
October -	4.5	4.5		2.060	.980	2nd	5	0	0	0				2	15	2	4	1	7	4	27	0	
November	5.1	5.3		0.400	.220	28th	5	0	0	0				3	4	5	15	4	6	3	20	0	
December	5.1	5.1		2.600	.870	5th	13	0	3	3				0	3	3	11	0	10	10	22	3	
Year -	4.1	3.9		17.280	—	—	73	0	4	9				42	152.	40	86	15	49	52	272	22	

MALTA.

1871.				ins.	ins.																		
January -	6.2	5.4		5.360	1.000	2, 11	20	0	6	4				0	0	1	6	2	15	10	24	4	
February -	4.7	5.1		1.000	.360	15th	6	0	1	0				4	15	2	5	0	4	4	21	1	
March -	4.5	4.7		0.870	.460	23rd	4	0	0	0				0	16	9	8	2	1	2	14	10	
April -	4.7	4.5		0.130	.050	2nd	4	0	0	0				4	12	2	4	1	1	2	29	5	
May -	5.2	4.4		0.150	.050	14, 19	4	0	0	2				7	16	5	11	1	5	1	14	2	
June -	2.4	2.2		0.000	.000	—	0	0	0	0				6	23	4	6	0	1	0	20	0	
July -	0.9	0.9		0.000	.000	—	0	0	0	0				10	14	0	3	0	3	5	26	1	
August -	3.2	2.4		1.220	1.220	30th	1	0	0	2				11	21	6	6	0	3	1	13	1	
September	4.4	2.9		0.000	.000	—	0	0	0	0				4	17	6	7	2	1	2	20	1	
October -	4.0	5.0		2.350	1.350	29th	12	0	0	7				4	11	0	6	1	11	3	25	1	
November	6.8	6.1		2.640	.550	20th	15	0	0	1				0	4	1	15	0	5	3	27	5	
December	6.6	6.6		6.780	1.320	17th	19	0	1	1				1	15	4	7	0	8	5	17	5	
Year -	4.5	4.2		20.500	—	—	85	0	8	17				51	164	40	84	9	58	38	250	36	

MALTA.

1872.				ins.	ins.																		
January -	4.7	5.4		3.290	1.720	30th	15	0	2	3				2	6	2	7	2	8	5	24	6	
February -	5.2	5.8		2.340	.640	1st	8	0	0	1				2	9	6	17	2	4	4	9	5	
March -	7.0	7.1		0.180	.100	23th	5	0	0	1				0	14	4	9	2	3	9	20	1	
April -	3.3	3.8		0.790	.330	30th	7	0	0	0				3	6	6	11	1	4	6	20	3	
May -	4.5	3.8		0.000	.000	—	0	0	0	0				0	10	6	9	0	1	3	17	16	
June -	3.2	2.9		0.000	.000	—	0	0	0	0				4	17	6	11	0	1	0	18	3	
July -	2.6	1.7		0.000	.000	—	0	0	0	1				8	16	4	5	0	2	1	26	0	
August -	2.3	1.9		0.100	.100	30th	1	0	0	0				6	17	1	3	0	3	2	28	2	
September	4.2	3.5		0.000	.000	—	0	0	0	0				5	15	7	12	0	2	2	14	3	
October -	6.7	6.7		3.280	1.400	16th	7	0	0	2				2	12	3	21	0	8	2	10	4	
November	5.3	5.8		1.720	1.270	12th	7	0	1	3				1	24	2	5	0	1	0	25	2	
December	5.9	6.5		1.660	.460	14th	10	0	0	1				0	4	5	21	0	2	2	17	11	
Year -	4.6	4.6		13.360	—	—	60	0	3	12				33	150	52	131	7	39	36	228	56	



MALTA (A.M.D.).

Long. 14° 31' E. Lat. 35° 54' N. Height above Mean Sea Level, 112 feet till Dec. 1874, then 70 feet.

1873.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%	
January -	30.022	29.972	59.2	61.4	58.9	54.9	62.9	50.4	27th	66.0	10, 16	.355	.367		71	68		
February -	29.873	.841	56.4	58.9	55.5	50.4	60.6	42.0	14th	66.0	9th	.333	.316		73	63		
March -	.772	.742	61.3	62.8	59.7	55.2	64.2	51.0	1st, 4th	69.0	16, 20	.413	.403		76	71		
April -	.780	.757	62.8	64.4	61.4	56.9	65.9	52.4	2nd	69.4	23rd	.417	.415		73	68		
May -	.796	.766	66.4	68.3	65.4	60.4	70.3	53.4	2nd	80.0	28th	.457	.457		71	66		
June -	.873	.858	72.8	73.2	70.8	65.6	76.0	60.2	1st	84.0	6th	.564	.562		71	69		
July -	.892	.868	80.6	82.6	78.9	73.4	84.4	68.8	1st, 2nd	89.2	9th	.710	.675		68	60		
August -	.904	.874	83.0	85.3	81.7	76.5	86.9	74.8	12, 19, 20	93.6	29th	.745	.717		66	59		
September	.911	.886	78.2	79.1	75.8	70.8	80.8	60.0	29th	88.0	8th	.621	.620		64	62		
October -	.901	.857	73.2	74.4	71.6	67.2	75.9	61.0	13, 14	83.0	17th	.594	.579		72	68		
November	.867	.823	65.3	66.5	63.9	59.5	68.3	53.8	18th	74.0	3rd	.452	.456		73	71		
December	29.979	29.939	58.0	59.1	57.1	53.3	60.9	47.0	6th	65.2	21st	.365	.363		76	72		
Year -	29.881	29.849	68.1	69.7	66.7	62.0	71.4	—	—	—	—	.502	.494		71.2	66.4		

MALTA (A.M.D.).

1874.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.000	29.925	56.5	57.6	55.7	52.1	59.3	43.0	30th	65.4	18th	341	351		74	74	
February -	005	923	54.3	56.4	53.6	49.4	57.8	41.4	4th	65.0	18th	301	310		72	68	
March -	30.001	938	54.9	56.6	53.9	49.3	58.5	42.0	7th	65.6	30th	308	309		71	67	
April -	29.809	779	62.9	64.5	61.2	56.3	66.1	51.0	3rd	73.0	26th	421	414		73	68	
May -	795	791	65.7	66.9	64.3	59.6	69.0	53.8	2nd	83.0	26th	450	452		71	69	
June -	932	909	78.0	80.0	77.3	71.2	83.4	59.8	1st	97.8	21st	620	600		65	56	
July -	872	861	80.5	82.8	79.4	74.1	84.6	68.2	1st	91.6	18th	686	680		65	61	
August -	865	836	78.5	80.8	77.6	72.1	83.1	68.8	21st	93.0	15th	681	676		70	65	
September -	984	944	78.2	79.8	76.6	72.0	81.2	69.0	29th	85.2	5th	666	657		69	64	
October -	29.940	29.984	74.1	74.7	72.5	68.3	76.7	59.0	27th	82.6	5th	573	554		68	64	
November -	—	—	63.7	64.7	62.2	57.8	66.6	51.0	23rd	73.0	1, 13	403	403		69	66	
December -	—	—	59.6	60.9	58.9	54.9	62.9	46.0	16th	70.2	2nd	351	350		69	65	
Year -	—	—	67.2	68.9	66.1	61.4	70.8	—	—	—	—	483	480		69.7	65.6	

MALTA (A.M.D.).

1875.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.170 <sup>9</sup>	30.108 <sup>9</sup>	56.3	58.4	55.7	51.6	59.8	44.0	29th	64.0	6th	341	357		74	72	
February -	29.758	29.730	56.2	57.7	54.8	50.0	59.6	43.0	3rd	69.8	24th	323	327		71	68	
March -	899	867	57.6	59.4	57.0	53.1	60.9	47.0	26th	71.2	12th	365	378		77	74	
April -	918	906	60.8	62.3	59.1	54.9	63.3	49.0	1st	67.6	23, 30	459	481		86	85	
May -	953	934	70.8	72.4	68.8	63.6	74.0	55.4	1st	81.8	23rd	611	634		80	80	
June -	935	912	77.4	79.8	75.9	70.6	81.2	63.4	5th	90.0	16th	599	577		63	56	
July -	905	893	81.1	83.7	80.1	74.3	85.9	69.0	1st	95.0	8th	676	664		64	57	
August -	29.969	953	82.7	84.8	81.5	76.2	86.7	72.2	27th	91.0	4th	721	724		64	60	
September -	30.017	991	78.0	79.6	76.6	72.0	81.2	67.8	21st	88.2	2nd	667	696		69	69	
October -	29.870	840	71.6	73.3	70.2	65.6	74.8	58.0	31st	80.4	22nd	541	555		69	67	
November -	870	843	65.6	66.4	64.1	59.7	68.5	54.8	28th	75.2	11th	472	474		75	73	
December -	29.944	29.915	57.2	58.0	55.9	51.8	60.0	46.0	6th	69.8	3rd	375	379		79	78	
Year -	29.934	29.908	67.9	69.7	66.7	62.0	71.3	—	—	—	—	513	521		72.6	69.9	

MALTA (A.M.D.).

1876.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.109	30.085	57.1	58.3	56.5	52.9	60.1	44.8	2nd	64.8	10th	375	390		80	79	
February -	30.004	29.987	58.0	60.3	57.7	53.2	62.1	47.8	10th	69.8	19th	393	408		81	78	
March -	29.850	823	60.0	61.8	58.7	54.2	63.2	44.2	21st	69.0	25th	419	430		80	78	
April -	871	863	63.6	65.4	62.5	57.5	67.5	53.4	10th	74.0	15th	496	526		84	84	
May -	880	872	70.1	72.1	68.4	62.7	74.1	57.0	2nd	82.0	14th	571	567		77	71	
June -	850	840	73.1	74.9	71.5	66.4	76.6	61.4	4th	83.0	24, 25	631	639		77	73	
July -	903	893	78.3	80.7	77.0	71.7	82.2	69.0	3rd, 15th	88.0	25th	727	681		75	65	
August -	927	905	81.5	83.4	80.2	75.1	85.2	72.0	28, 30	90.4	25th	805	784		75	68	
September -	912	917	79.7	81.2	78.2	73.3	83.0	68.8	16th	91.0	12th	770	783		76	73	
October -	895	867	73.9	75.1	72.0	67.5	76.5	60.0	25, 31	85.0	1st	629	644		75	73	
November -	881	868	64.4	66.0	63.2	58.8	67.5	54.0	3rd, 23rd	73.0	16th	471	483		77	75	
December -	29.907	29.883	62.6	64.6	61.6	57.2	66.0	48.8	29th	74.0	7th	454	484		79	80	
Year -	29.918	29.900	68.5	70.3	67.3	62.5	72.0	—	—	—	—	562	568		78.0	74.8	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

MALTA.

1873.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	6.0	6.5		ins. 1.610	ins. .480	4th	11	0	0	0				0	7	0	7	0	7	1	15	25
February -	6.4	7.0		2.450	.560	14th	14	0	2	0				1	8	0	4	0	6	2	21	14
March -	4.9	5.5		2.250	1.130	28th	12	0	0	0				2	9	5	11	0	4	1	12	18
April -	5.9	5.1		1.360	.570	3rd	4	0	1	0				0	10	5	10	0	2	1	25	7
May -	5.2	4.4		0.620	.260	25th	8	0	0	2				0	4	2	8	0	3	0	38	7
June -	3.8	4.1		0.050	.040	7th	2	0	0	1				0	9	1	15	0	2	0	12	21
July -	1.6	1.4		0.000	.000	—	0	0	0	0				1	23	0	2	1	0	0	19	16
August -	2.3	2.0		0.000	.000	—	0	0	0	0				1	24	4	5	0	4	0	24	0
September -	3.2	3.1		0.840	.400	30th	3	0	1	2				2	10	5	10	0	3	0	29	1
October -	6.8	7.0		2.290	.680	13th	9	0	0	2				1	6	0	27	1	8	5	13	1
November -	5.1	5.8		4.530	1.550	5th	13	0	0	1				1	5	5	13	2	7	2	25	0
December -	5.7	7.2		13.910	7.770	6th	17	0	1	1				1	13	2	9	1	6	3	25	2
Year -	4.7	4.9		29.910	—	—	93	0	5	9				10	128	29	121	5	52	15	258	112

MALTA.

1874.				ins. 5.560	ins. 1.000	6, 7, 19	13	0	1	1				2	27	3	12	0	2	2	14	0
January -	7.2	7.3		5.560	1.000	6, 7, 19	13	0	1	1				2	27	3	12	0	2	2	14	0
February -	5.3	5.7		1.250	.300	15th	12	0	0	0				3	12	1	6	2	8	6	18	0
March -	5.7	6.0		6.810	2.240	1st	14	0	0	0				6	23	0	6	2	4	3	19	0
April -	4.2	4.3		0.080	.080	9th	1	0	0	0				1	6	1	11	1	10	0	29	1
May -	4.4	4.4		0.290	.170	11th	3	0	0	0				1	14	2	8	2	6	3	26	0
June -	0.5	0.9		0.000	.000	—	0	0	0	0				1	21	2	5	0	2	3	22	4
July -	1.1	1.5		1.130	.630	23rd	2	0	0	0				4	19	0	0	1	4	2	29	3
August -	2.1	2.1		0.050	.050	21st	1	0	0	0				1	15	3	9	1	1	0	28	4
September -	2.7	2.6		0.000	.000	—	0	0	0	0				1	18	4	15	1	1	0	17	4
October -	4.7	5.2		8.310	3.900	25th	9	0	0	3				0	23	2	19	0	1	2	14	1
November -	5.7	5.8		7.050	1.220	17th	18	0	1	5				0	17	0	7	0	6	6	21	3
December -	5.5	6.6		2.160	.420	13th	11	0	0	1				1	2	0	16	0	15	1	27	0
Year -	4.1	4.4		32.690	—	—	84	0	2	10				20	196	18	114	10	60	28	264	20

Rain-gauge, 3 feet above the ground.

MALTA.

1875.				ins. 1.230	ins. .540	2nd	8	0	0	0				2	11	1	5	1	11	1	30	0
January -	3.8	4.2		1.230	.540	2nd	8	0	0	0				2	11	1	5	1	11	1	30	0
February -	7.1	5.2		3.560	1.400	13th	10	0	0	0				0	11	1	8	0	9	0	27	0
March -	5.5	5.5		1.630	.740	30th	12	0	0	0				1	14	0	10	0	6	0	31	0
April -	4.9	5.0		0.690	.200	4th	9	0	0	0				0	10	0	21	0	2	0	27	0
May -	4.0	3.3		0.060	.030	18th	3	0	0	1				0	30	0	13	0	3	0	15	1
June -	3.5	3.2		0.000	.000	—	0	0	0	0				0	17	0	16	0	1	0	26	0
July -	2.9	1.9		0.000	.000	—	0	0	0	0				0	23	0	15	0	6	0	18	0
August -	1.8	1.7		0.000	.000	—	0	0	0	0				0	29	0	2	0	8	0	23	0
September -	5.6	4.8		3.300	2.100	28th	4	0	0	0				0	16	0	17	0	11	0	16	0
October -	6.8	5.8		4.940	2.500	9th	13	0	0	3				0	7	0	16	0	14	0	25	0
November -	6.0	6.0		3.120	1.940	28th	10	0	0	1				0	7	0	12	0	9	0	32	0
December -	7.1	7.7		8.710	2.050	5th	16	0	0	0				0	16	0	8	0	7	0	31	0
Year -	4.9	4.5		27.240	—	—	85	0	0	5				3	191	2	143	1	87	1	301	1

MALTA.

1876.				ins. 2.330	ins. .590	17th	11	0	0	0				0	11	0	27	0	9	0	15	0
January -	6.8	7.2		2.330	.590	17th	11	0	0	0				0	11	0	27	0	9	0	15	0
February -	5.4	4.8		1.670	.950	14th	5	0	0	0				0	12	0	3	0	9	0	34	0
March -	5.1	5.0		0.730	.370	20th	3	0	0	0				0	7	0	14	0	5	0	36	0
April -	5.7	5.2		1.200	.380	1st	7	0	0	1				0	10	0	16	0	11	0	23	0
May -	4.5	3.7		0.050	.030	7th	2	0	0	0				1	11	0	25	0	5	0	20	0
June -	3.9	3.5		0.510	.300	6th	4	0	0	0				1	20	1	10	0	1	1	26	0
July -	3.4	1.1		0.000	.000	—	0	0	0	0				3	12	0	1	0	1	3	42	0
August -	3.3	3.3		0.000	.000	—	0	0	0	2				1	21	3	7	1	4	1	24	0
September -	5.7	4.7		0.020	.020	15th	1	0	0	0				5	11	4	9	0	9	1	21	0
October -	6.4	5.7		3.520	1.440	16th	9	0	0	2				3	8	1	16	2	6	5	21	0
November -	7.2	6.6		0.960	.280	3rd	6	0	0	0				0	1	0	7	2	11	2	37	0
December -	6.0	5.5		0.240	.100	26th	3	0	0	0				4	1	1	6	3	17	12	18	0
Year -	5.3	4.7		11.230	—	—	51	0	0	5				18	125	10	141	8	88	25	317	0



## MALTA (A.M.D.).

Long. 14° 31' E. Lat. 35° 54' N. Height above Mean Sea Level, 70 feet.

1877.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.	°	°	°	°	°	°					in.	in.	in.	°	°	%
January -	29.974	29.948	57.4	59.1	56.2	51.7	60.6	46.0	22nd	68.0	6th	.387	.417			81	82	
February -	.919	.901	56.0	57.6	55.1	50.9	59.3	44.0	1st, 2nd	65.0	18th	.331	.352			73	74	
March -	.874	.851	57.9	60.3	56.9	51.4	62.4	37.8	3rd	73.0	18th	.325	.369			66	69	
April -	.791	.774	64.1	65.7	62.6	57.5	67.7	51.8	21st	78.0	24th	.412	.433			69	69	
May -	.897	.887	68.2	69.0	66.3	61.3	71.2	57.0	3rd	79.0	15th	.477	.486			68	67	
June -	.988	.960	77.0	79.2	75.7	70.0	81.3	62.0	1st	86.8	23rd	.629	.619			67	61	
July -	.954	.936	82.2	84.7	80.9	75.2	86.5	71.0	30, 31	100.0	17th	.687	.684			61	57	
August -	.921	.908	82.5	84.9	81.2	75.6	86.7	71.0	6th	92.8	25th	.784	.733			70	61	
September	.916	.891	82.2	83.5	80.5	75.3	85.7	68.8	29th	93.0	24th	.728	.727			65	62	
October -	.919	.898	69.5	70.3	67.9	63.6	72.2	59.0	21, 22	80.0	2nd	.481	.476			66	64	
November	.948	.910	64.4	66.0	63.4	59.1	67.6	50.8	22nd	73.0	12th	.423	.426			69	66	
December	29.919	29.892	58.1	58.9	57.3	53.7	60.8	44.6	21st	66.0	2nd	.358	.362			73	72	
Year -	29.918	29.896	68.3	69.9	67.0	62.1	71.8	—	—	—	—	.502	.507			69.0	67.0	

## MALTA (A.M.D.).

1878.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.001	29.956	55.2	56.7	54.4	50.4	58.3	40.0	27th	64.0	10th	.317	.315	.in.	72	67	
February -	30.170	30.131	56.5	57.9	55.6	51.6	59.6	47.0	1st	62.8	25th	.341	.326		74	68	
March -	29.954	29.925	58.4	60.0	57.0	52.6	61.4	46.4	16th	68.8	30th	.342	.336		69	64	
April -	.865	.846	62.9	64.8	61.6	56.4	66.7	50.4	14th	73.8	6th	.405	.403		70	65	
May -	.889	.867	69.9	72.0	68.9	63.5	74.2	59.2	4th	85.0	28th	.523	.525		71	66	
June -	.912	.903	76.5	78.4	75.1	69.6	80.6	65.0	3rd	88.0	6th	.623	.627		68	63	
July -	.899	.882	81.7	82.8	79.4	73.3	85.4	67.8	6th	93.0	24th	.647	.647		59	57	
August -	.835	.819	82.7	84.0	80.6	75.1	86.0	73.0	16, 23	92.0	20th	.735	.695		65	58	
September -	.839	.815	78.2	79.9	76.0	71.3	80.7	67.4	6th, 28th	89.4	2nd	.708	.708		72	69	
October -	.988	.953	76.1	77.0	74.2	69.3	79.0	61.4	25th	88.4	27th	.656	.649		73	70	
November -	.924	.900	68.0	69.9	67.3	63.0	71.6	56.4	23rd	77.0	5, 6, 14	.502	.505		74	69	
December -	29.870	29.841	61.4	63.1	60.9	55.4	66.3	52.0	6, 15, 17	73.0	11th	.379	.390		78	67	
Year -	29.929	29.903	69.0	70.5	67.6	62.6	72.5	—	—	—	—	.515	.511		70.4	65.3	

## MALTA (A.M.D.).

1879.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.921	29.916	58.8	60.6	58.4	53.9	62.8	46.4	21st	66.0	12, 24, 29	.370	.373	.in.	74	70	
February -	.833	.838	60.8	62.1	60.1	54.8	65.4	52.4	17th	70.0	5th, 10th	.405	.414		77	74	
March -	.909	.901	59.3	60.9	58.5	53.5	63.0	46.0	5th	70.0	23rd	.368	.384		72	74	
April -	.787	.769	63.8	65.5	61.7	56.9	66.5	51.4	7th	76.0	21st	.427	.456		71	72	
May -	.893	.881	65.0	66.7	63.1	58.2	68.0	52.6	13th	74.0	9th	.437	.449		70	68	
June -	.931	.917	75.8	78.1	74.8	69.1	80.5	64.2	2nd	87.2	26th	.604	.614		68	64	
July -	.903	.878	78.3	79.9	76.6	71.3	81.8	65.8	13th	87.4	20th	.644	.637		66	61	
August -	.886	.865	82.2	84.0	80.7	75.3	86.0	72.2	3rd	90.0	7th	.775	.742		70	63	
September -	.902	.871	80.2	81.4	78.2	74.3	82.0	61.4	30th	88.6	1st	.728	.697		69	64	
October -	.956	.922	70.7	72.9	68.8	64.4	73.2	58.6	25th	78.4	6th, 7th	.504	.507		66	60	
November -	29.930	29.898	63.9	64.9	63.2	58.9	67.4	49.0	19th	79.0	3rd	.427	.420		70	67	
December -	30.055	30.034	55.7	57.6	55.4	51.3	59.4	42.4	10th	72.0	5th	.310	.306		68	64	
Year -	29.909	29.891	67.9	69.6	66.5	61.6	71.3	—	—	—	—	.500	.500		70.1	66.8	

## MALTA (A.M.D.).

1880.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.083	30.047	54.5	56.6	54.1	50.4	57.8	40.4	15th	62.0	25th	.321	.322	.in.	74	67	
February -	29.938	29.904	58.0	59.9	57.1	53.7	60.4	50.0	7th	70.0	23rd	.377	.375		78	72	
March -	.988	.965	58.0	59.4	56.5	52.7	60.2	47.0	16th	67.0	18th	.361	.370		74	72	
April -	.852	.827	63.5	65.0	61.8	57.2	66.4	53.8	2nd, 14th	77.0	27th	.470	.474		79	77	
May -	.824	.799	68.7	70.6	67.1	61.9	72.2	58.4	14th	79.4	27th	.490	.460		69	66	
June -	.893	.876	74.1	75.9	72.9	67.7	78.1	63.8	9th	85.6	26th	.625	.610		74	68	
July -	.914	.899	82.1	84.3	80.4	74.5	86.3	67.0	1st	96.4	27th	.726	.695		66	58	
August -	.851	.833	82.8	83.7	80.3	75.1	85.4	69.2	12th	94.6	24th	.760	.763		65	65	
September -	.960	.934	79.7	80.3	77.3	72.3	82.3	63.0	28th	94.6	17th	.696	.700		68	67	
October -	29.961	.919	73.5	74.6	71.6	67.0	76.1	61.6	18, 19	81.0	13th	.617	.624		74	72	
November -	30.016	29.975	69.3	70.6	67.7	63.7	71.7	56.8	3rd	75.4	12th	.520	.523		73	69	
December -	30.048	30.007	62.5	64.0	61.3	57.6	64.9	52.0	24th	68.4	11th	.398	.404		70	67	
Year -	29.944	29.915	68.9	70.4	67.3	62.8	71.8	—	—	—	—	.530	.527		72.0	68.3	

Thermometers, 2 feet above ground. Rain-gauge, 3 feet above ground.

MALTA.

1877.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	6.9	6.3		ins. 5.340	ins. 1800	29th	13	0	0	2				9	2	2	7	0	19	2	21	0
February -	7.6	7.4		1.890	.420	1st	15	0	0	0				7	5	0	4	0	4	7	29	0
March -	6.5	5.5		0.950	.200	14th	12	0	2	0				2	3	0	9	1	16	7	24	0
April -	5.8	5.1		0.230	.120	21st	2	0	0	0				2	6	0	8	0	6	3	35	0
May -	5.8	4.8		0.060	.060	25th	1	0	0	1				2	14	2	14	0	1	5	24	0
June -	3.7	3.0		0.000	.000	—	0	0	0	0				0	32	1	7	0	1	2	17	0
July -	2.8	1.8		0.000	.000	—	0	0	0	0				1	18	2	10	1	11	1	18	0
August -	2.3	1.7		0.000	.000	—	0	0	0	0				8	20	2	6	0	0	0	26	0
September -	4.7	4.3		2.210	.930	30th	5	0	0	3				1	15	3	14	1	6	1	19	0
October -	6.4	5.5		5.130	1.650	20th	11	0	0	0				5	16	0	6	0	2	3	30	0
November -	5.4	5.4		3.300	1.300	14th	10	0	0	0				4	17	3	8	1	9	6	12	0
December -	6.8	6.3		5.160	1.100	25th	18	0	0	0				3	7	0	9	1	2	16	24	0
Year -	5.4	4.8		24.270	—	—	87	0	2	6				44	155	15	102	5	77	53	279	0

MALTA.

1878.				ins.	ins.																	
January -	7.2	6.7		3.010	.650	2nd	18	0	0	0				6	5	0	5	0	5	9	32	0
February -	6.2	6.1		2.360	.930	20th	12	0	0	0				3	11	2	14	0	4	2	20	0
March -	5.4	5.5		0.670	.200	20th	11	0	0	0				2	7	4	8	2	8	2	29	0
April -	5.7	5.5		0.760	.670	13th	4	0	0	0				2	4	2	6	1	11	2	32	0
May -	4.3	5.0		0.000	.000	—	0	0	0	0				2	21	5	8	1	2	0	23	0
June -	4.1	4.3		0.000	.000	—	0	0	0	0				2	25	1	15	0	0	0	17	0
July -	1.3	1.6		0.000	.000	—	0	0	0	0				2	18	2	11	0	1	1	27	0
August -	1.1	0.8		0.000	.000	—	0	0	0	0				2	20	6	14	0	2	0	18	0
September -	3.0	2.3		2.780	1.600	6th	9	0	0	4				6	12	0	8	0	8	0	26	0
October -	4.1	4.2		1.350	1.300	13th	2	0	0	0				2	6	8	24	2	8	0	12	0
November -	5.3	5.2		3.880	3.500	11th	4	0	0	1				2	4	2	18	2	4	4	24	0
December -	5.0	4.3		2.150	.550	5th	8	0	0	0				0	4	0	6	0	14	8	30	0
Year -	4.4	4.3		16.960	—	—	68	0	0	5				31	137	32	137	8	67	28	290	0

MALTA.

1879.				ins.	ins.																	
January -	3.8	3.6		2.530	1.000	19th	11	0	1	0				4	4	0	14	0	9	1	30	0
February -	3.6	3.5		0.720	.300	5th	3	0	0	0				0	6	0	4	0	20	12	14	0
March -	4.8	4.0		4.490	2.600	6th	5	0	1	1				6	18	0	10	0	4	8	16	0
April -	3.7	2.9		0.080	.040	5, 24	2	0	0	0				0	2	4	17	0	5	8	24	0
May -	3.6	2.6		0.760	.450	18th	5	0	0	2				0	4	6	14	2	12	0	24	0
June -	1.0	0.3		0.000	.000	—	0	0	0	0				8	10	8	8	0	2	4	20	0
July -	0.7	0.5		0.000	.000	—	0	0	0	0				0	18	4	2	4	4	4	26	0
August -	0.6	0.5		0.000	.000	—	0	0	0	0				4	20	2	6	0	0	2	28	0
September -	4.0	3.3		9.260	4.830	29th	7	0	0	5				8	10	2	16	4	4	2	14	0
October -	4.9	3.7		1.920	1.040	21st	5	0	0	3				0	16	1	9	0	6	1	29	0
November -	4.3	4.0		4.240	1.630	8th	12	0	0	3				0	14	0	10	2	10	2	22	0
December -	4.8	4.5		2.510	.820	12th	16	0	0	3				4	16	0	6	2	12	8	14	0
Year -	3.3	2.8		26.510	—	—	66	0	2	17				34	138	27	116	14	88	52	261	0

MALTA.

1880.				ins.	ins.																	
January -	5.7	5.0		3.560	.780	12th	18	0	1	0				6	16	2	16	0	6	4	12	0
February -	5.6	4.9		3.490	.970	4th	14	0	0	0				4	20	8	2	2	12	4	6	0
March -	5.1	4.5		2.260	1.570	3rd	8	0	0	0				2	22	8	16	0	2	2	10	0
April -	3.7	2.9		0.130	.100	21st	3	0	0	2				2	14	4	14	0	0	2	24	0
May -	2.0	2.5		0.350	.170	2, 13	3	0	0	1				14	6	6	10	2	4	6	14	0
June -	1.1	1.2		0.000	.000	—	0	0	0	0				8	12	6	8	2	0	4	20	0
July -	0.1	0.3		0.000	.000	—	0	0	0	0				16	18	2	0	2	0	8	16	0
August -	1.8	1.0		0.010	.010	19th	1	0	0	2				6	6	10	12	4	4	4	16	0
September -	3.2	1.9		2.480	2.030	27th	4	0	0	4				2	16	4	6	2	6	8	16	0
October -	4.5	4.3		2.670	1.700	2nd	3	0	0	2				2	6	10	12	4	6	6	16	0
November -	4.0	4.8		2.140	1.880	2nd	3	0	0	1				4	10	4	14	8	6	6	8	0
December -	4.8	4.1		2.300	1.230	19th	10	0	0	2				4	14	2	10	2	4	8	18	0
Year -	3.5	3.1		19.390	—	—	67	0	1	14				70	160	66	120	28	50	62	176	0



## MALTA (A.M.D.).

Long. 14° 31' E. Lat. 35° 54' N. Height above Mean Sea Level, 70 feet.

1881.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	29°877	29°837	62°6	64°9	62°0	57°9	66°1	49°8	8th	75°8	14th	·416	·430		73	69	
February -	·812	·782	58°2	59°5	57°4	53°8	60°9	46°4	15th	68°0	27th	·365	·379		75	74	
March -	·937	·899	61°9	64°5	60°8	55°3	66°3	47°4	17th	80°2	7th	·374	·403		67	65	
April -	·840	·807	66°2	68°2	65°0	59°8	70°1	54°0	29th	85°0	20th	·463	·457		72	65	
May -	·921	·909	67°0	68°1	65°3	60°6	70°0	56°8	9th	79°0	23rd	·489	·491		74	71	
June -	·920	·903	73°8	75°1	71°9	66°7	77°1	61°0	11th	87°4	26th	·570	·575		68	65	
July -	·955	·943	82°2	84°5	80°5	74°6	86°3	69°8	1st	94°6	22, 23	·700	·707		63	59	
August -	·951	·927	83°0	84°5	80°8	75°5	86°1	72°6	17th	91°4	18th	·732	·706		65	62	
September	·933	·903	78°0	80°1	76°7	72°2	81°2	66°2	29, 30	90°0	22nd	·667	·677		69	65	
October -	29°841	29°810	73°4	74°2	71°7	66°8	76°6	59°0	19th	83°0	30th	·608	·620		74	73	
November	30°117	30°097	64°5	65°7	63°3	59°5	67°1	54°0	28th	74°2	3rd	·413	·406		67	64	
December	29°945	29°923	60°5	61°5	59°5	56°0	63°0	50°6	29th	67°0	11th	·404	·401		76	73	
Year -	29°921	29°895	69°3	70°9	67°9	63°2	72°6	—	—	—	—	·517	·522		70°3	67°1	

## MALTA (A.M.D.).

1882.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.261	30.223	58.2	59.5	—	53.6	—	45.0	17th	—	—	.359	.368		73	71	
February -	30.199	30.185	56.3	57.4	—	50.5	—	46.2	22nd	—	—	.333	.344		72	72	
March -	29.959	29.924	61.5	63.0	—	53.8	—	50.0	28th	—	—	.425	.430		77	75	
April -	.836	.814	62.7	63.7	—	53.9	—	46.0	15th	—	—	.410	.419		72	70	
May -	.941	.923	69.5	71.7	—	61.7	—	54.8	8th	—	—	.500	.497		68	63	
June -	.948	.921	76.6	78.1	—	69.4	—	61.2	20th	—	—	.614	.585		67	61	
July -	.881	.864	79.6	81.4	—	72.0	—	68.4	30th	—	—	.653	.668		65	63	
August -	.907	.886	79.1	80.9	—	72.7	—	69.8	2nd	—	—	.785	.808		79	77	
September -	.890	.878	78.6	80.5	—	72.3	—	67.8	26th	—	—	.876	.936		90	90	
October -	.956	.958	75.0	75.8	—	68.9	—	60.2	31st	—	—	.793	.797		91	92	
November -	.984	.948	67.2	67.3	—	60.6	—	51.8	30th	—	—	.612	.653		92	97	
December -	29.914	29.885	61.2	62.8	—	56.7	—	52.4	12th	—	—	.509	.532		94	91	
Year -	29.972	29.948	68.8	70.2	—	62.2	—	—	—	—	—	.572	.586		78.3	76.8	

## MALTA (A.M.D.).

1883.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.928	29.905	57.4	58.8	—	52.8	—	39.0	25th	—	—	.400	.400		84	79	
February -	30.112	30.080	57.1	58.8	—	52.7	—	46.0	28th	—	—	.431	.435		91	87	
March -	29.798	29.788	57.5	58.3	—	51.2	—	42.8	4th	—	—	.430	.419		89	84	
April -	.839	.839	61.5	62.2	—	53.6	—	48.4	11th	—	—	.479	.479		87	85	
May -	.922	.906	67.0	67.9	—	60.2	—	56.2	2nd	—	—	.572	.586		86	84	
June -	.914	.896	74.3	75.6	—	67.1	—	63.2	2nd	—	—	.784	.780		92	88	
July -	.923	.898	80.3	81.5	—	73.2	—	68.4	3rd	—	—	.689	.689		67	64	
August -	.924	.903	78.6	79.8	—	72.4	—	69.4	10th	—	—	.672	.656		69	64	
September -	.906	.872	76.9	78.6	—	70.2	—	65.0	26, 27	—	—	.624	.633		67	64	
October -	.959	.940	71.4	71.9	—	65.3	—	59.2	27th	—	—	.533	.532		67	66	
November -	.980	.959	65.5	66.2	—	60.0	—	55.4	27th	—	—	.447	.435		71	68	
December -	29.949	29.934	58.8	59.0	—	53.8	—	42.8	28th	—	—	.361	.320		72	69	
Year -	29.930	29.910	67.2	68.2	—	61.0	—	—	—	—	—	.535	.530		78.5	75.2	

## MALTA (A.M.D.).

1884.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.140	30.108	55.4	56.8	—	50.4	—	44.8	14th	—	—	.322	.325		73	70	
February -	30.076	30.049	58.5	60.1	—	53.0	—	46.8	23rd	—	—	.403	.410		82	77	
March -	29.900	29.860	59.8	60.4	—	53.4	—	48.2	23rd	—	—	.371	.381		72	72	
April -	.757	.727	64.5	65.2	—	56.8	—	52.6	15th	—	—	.420	.414		69	66	
May -	.890	.890	68.3	68.9	—	60.4	—	49.2	2nd	—	—	.514	.511		73	71	
June -	.844	.841	71.2	72.1	—	63.8	—	61.0	11th	—	—	.522	.512		68	64	
July -	.898	.868	78.1	79.4	—	69.8	—	71.0	3rd	—	—	.673	.680		70	67	
August -	.886	.848	79.7	80.7	—	73.7	—	69.2	1st	—	—	.744	.749		76	71	
September -	.984	.945	76.1	76.9	—	70.3	—	63.0	13th	—	—	.606	.625		68	67	
October -	.928	.905	72.0	72.6	—	65.8	—	61.4	23, 24	—	—	.539	.557		68	69	
November -	.991	.978	64.5	64.8	—	58.5	—	53.0	29th	—	—	.415	.408		68	66	
December -	29.925	29.912	59.6	59.9	—	54.9	—	48.6	23rd	—	—	.392	.396		77	76	
Year -	29.935	29.911	67.3	68.2	—	60.9	—	—	—	—	—	.493	.497		72.0	69.7	

Thermometers, 2 feet above ground. Rain-gauge, 3 feet above ground.

MALTA.

1881.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	4.1	4.5		0.370	.170	7th	5	0	0	1				0	2	4	10	0	16	12	18	0	
February -	5.2	5.4		1.430	.350	5th	13	0	2	1				2	4	4	18	0	6	2	20	0	
March -	4.2	3.6		0.090	.030	3, 21	4	0	0	0				4	4	0	8	4	10	14	18	0	
April -	4.4	3.7		0.850	.580	9th	4	0	0	1				2	2	4	14	4	6	6	22	0	
May -	4.3	4.5		1.770	.900	17th	11	0	0	1				2	18	2	8	2	2	8	20	0	
June -	2.2	1.8		0.050	.050	1st	1	0	0	0				6	12	8	4	4	2	4	20	0	
July -	0.4	0.5		0.000	.000	—	0	0	0	0				6	24	2	6	0	4	2	18	0	
August -	0.5	0.3		0.000	.000	—	0	0	0	0				6	18	4	2	2	0	4	26	0	
September	3.3	2.5		0.390	.330	29th	2	0	0	1				0	10	4	8	4	6	2	26	0	
October -	5.6	5.4		1.170	.530	31st	5	0	0	4				2	10	2	16	0	6	2	24	0	
November	4.1	4.4		0.870	.350	12th	5	0	0	0				4	16	6	4	2	4	12	12	0	
December	6.5	5.5		7.730	2.300	14th	20	0	0	4				2	12	2	12	2	4	12	14	2	
Year -	3.7	3.5		14.720	—	—	70	0	2	13				36	132	42	110	24	66	80	238	2	

MALTA.

				ins.	ins.																	
1882.																						
January -	4.5	4.9		3.140	.940	7th	11	0	0	0				8	28	4	6	0	2	0	14	0
February -	4.8	5.0		1.820	.780	20th	11	0	1	1				4	22	2	2	2	8	4	12	0
March -	3.6	3.7		2.970	.850	28th	8	0	0	0				4	16	3	9	3	6	10	11	0
April -	4.4	4.3		0.730	.360	9th	8	0	0	1				8	9	4	8	0	4	10	17	0
May -	2.9	3.1		0.090	.060	15th	2	0	0	0				4	10	3	20	1	3	2	19	0
June -	2.4	1.8		0.000	.000	—	0	0	0	0				4	12	12	4	0	6	2	20	0
July -	0.2	0.6		0.000	.000	—	0	0	0	0				18	10	2	4	2	2	2	22	0
August -	2.4	1.2		0.000	.000	—	0	0	0	0				4	14	2	4	0	4	8	26	0
September -	3.9	3.5		0.080	.020	9, 12, 26	5	0	0	2				8	4	10	12	2	4	4	16	0
October -	5.4	5.1		1.115	.480	18th	8	0	0	0				2	1	0	25	5	1	16	12	0
November -	6.0	6.1		2.000	.700	19, 29	5	0	1	0				2	6	0	5	0	9	14	24	0
December -	7.2	6.8		6.330	2.750	23rd	14	0	2	2				3	3	4	10	1	16	15	10	0
Year -	4.0	3.8		18.275	—	—	72	0	4	6				69	135	46	109	16	65	87	203	0

MALTA.

				ins.	ins.																	
1883.																						
January -	6.3	6.3		1.880	.280	18th	15	0	0	0				8	8	2	4	4	10	18	8	0
February -	5.3	5.0		2.830	1.100	22nd	10	0	0	0				6	10	4	10	2	4	2	18	0
March -	4.0	4.2		1.610	.540	17th	8	0	1	1				2	0	2	12	2	8	14	22	0
April -	3.5	3.5		0.310	.160	10th	6	0	0	0				2	14	3	8	0	0	14	19	0
May -	2.0	1.7		0.000	.000	—	0	0	0	0				5	16	3	7	1	6	3	21	0
June -	1.5	1.1		0.000	.000	—	0	0	0	0				0	12	6	12	2	8	4	16	0
July -	0.3	0.5		0.000	.000	—	0	0	0	0				0	14	4	10	0	2	2	30	0
August -	1.7	1.6		0.080	.050	26th	2	0	0	1				6	20	4	6	0	4	0	22	0
September -	3.6	3.5		0.490	.200	13th	4	0	0	0				2	6	2	12	0	10	4	24	0
October -	4.3	3.4		3.250	1.380	5th	11	0	0	2				0	22	0	6	0	4	2	28	0
November -	5.2	4.2		5.890	1.380	29th	11	0	0	1				2	10	0	12	2	2	2	30	0
December -	5.1	5.1		3.290	.750	2nd	14	0	0	0				0	22	2	4	0	12	2	20	0
Year -	3.6	3.3		19.630	—	—	81	0	1	5				33	154	32	103	13	70	67	258	0

MALTA.

				ins.	ins.																	
1884.																						
January -	5.1	5.1		1.870	.960	3rd	11	0	0	0				2	12	2	8	0	8	2	28	0
February -	4.8	4.5		0.640	.240	19th	5	0	0	0				2	14	2	10	2	16	2	10	0
March -	5.6	6.3		1.390	.230	8, 27	8	0	0	0				0	16	6	14	0	10	2	14	0
April -	4.5	5.2		0.450	.250	28th	3	0	0	0				0	4	2	12	2	14	8	18	0
May -	3.9	2.9		0.480	.170	9th	6	0	0	1				10	18	6	8	2	2	0	16	0
June -	2.2	1.4		0.160	.070	29th	4	0	0	0				6	14	2	4	0	2	2	30	0
July -	0.7	1.1		0.030	.000	—	0	0	0	0				2	20	2	8	0	2	2	26	0
August -	1.9	1.9		0.200	.200	19th	1	0	0	0				6	20	2	4	2	6	0	22	0
September -	3.7	3.5		0.240	.240	13th	1	0	0	1				2	14	2	18	2	4	0	18	0
October -	6.1	5.5		1.420	.780	6th	4	0	0	2				2	16	2	12	0	4	2	24	0
November -	6.4	6.2		5.650	2.490	20th	14	0	0	4				2	24	6	10	0	2	0	16	0
December -	5.6	5.8		3.580	.930	17th	14	0	3	0				0	20	2	10	0	14	2	14	0
Year -	4.2	4.1		16.080	—	—	71	0	3	8				34	192	36	118	10	84	22	236	0



## MALTA (A.M.D.).

Long. 14° 31' E. Lat. 35° 54' N. Height above Mean Sea Level, 70 feet.

1885.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	29.833	29.819	53.8	55.0	—	50.3	—	44.4	20, 21	—	—	.326	.326		76	73		
February -	.959	.945	57.5	58.8	—	51.9	—	41.6	27th	—	—	.394	.397		82	79		
March -	.835	.826	60.6	62.3	—	51.0	—	40.0	1st	—	—	.427	.436		81	77		
April -	.714	.682	62.2	62.8	—	55.6	—	52.4	14, 17	—	—	.465	.474		83	83		
May -	.866	.862	67.9	68.2	—	59.8	—	55.2	3rd, 20th	—	—	.573	.559		83	81		
June -	.901	.894	72.8	73.2	—	66.5	—	63.4	4th, 8th	—	—	.595	.611		74	74		
July -	.951	.937	79.8	80.7	—	73.3	—	70.0	4th	—	—	.728	.751		71	71		
August -	.876	.862	84.0	85.0	—	76.7	—	70.0	27, 29	—	—	.781	.768		66	63		
September	.982	.960	77.9	78.3	—	62.4	—	58.2	10, 19, 20	—	—	.629	.625		65	64		
October -	.959	.936	72.1	72.3	—	58.2	—	45.0	20th	—	—	.583	.590		73	73		
November	29.859	.841	64.5	65.3	—	58.1	—	50.0	7th	—	—	.447	.460		74	73		
December	30.015	29.974	57.2	58.0	—	52.9	—	43.0	13, 14	—	—	.349	.356		74	72		
Year -	29.896	29.878	67.5	68.3	—	59.7	—	—	—	—	—	.525	.529		75.2	73.6		

## MALTA (A.M.D.).

1886.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.717	29.728	55.8	56.8	—	51.9	—	43.0	12th	—	—	.361	.368	—	80	78	—
February -	.833	.835	56.5	57.1	—	51.3	—	44.0	7th	—	—	.393	.390	—	85	83	—
March -	.890	.894	57.0	57.3	—	51.8	—	45.0	12th	—	—	.364	.365	—	77	77	—
April -	.905	.881	61.2	61.0	—	56.4	—	51.0	14th	—	—	.428	.427	—	79	80	—
May -	.960	.957	66.2	66.7	—	60.0	—	52.0	7th	—	—	.509	.519	—	80	78	—
June -	.871	.865	72.3	74.8	—	66.2	—	61.0	2nd	—	—	.579	.593	—	73	68	—
July -	.901	.894	78.1	80.4	—	71.6	—	67.0	15th	—	—	.686	.694	—	71	66	—
August -	.856	.852	78.0	80.0	—	72.6	—	69.0	20th	—	—	.712	.753	—	74	73	—
September -	.946	.944	76.7	78.1	—	71.3	—	65.0	14th	—	—	.760	.759	—	82	79	—
October -	.960	.958	74.4	74.5	—	69.4	—	64.2	31st	—	—	.653	.679	—	76	79	—
November -	.930	.923	64.0	64.2	—	59.3	—	51.0	22nd	—	—	.471	.470	—	77	77	—
December -	29.903	29.906	57.3	58.7	—	53.3	—	46.0	30th	—	—	.371	.382	—	78	76	—
Year -	29.889	29.886	66.5	67.5	—	61.3	—	—	—	—	—	.524	.533	—	77.7	76.2	—

## CORFU (R.E.).

Long. 19° 55' E. Lat. 39° 37' N. Height above Mean Sea Level, 205 feet till Feb. 1853, then 74 feet.

1852.	9.30 a.m. ins.	3.30 p.m. ins.	9.30 a.m.	3.30 p.m.								9.30 a.m. in.	3.30 p.m. in.	in.	9.30 a.m. %	3.30 p.m. %	%
January -			—	—	—	—	—	—	—	—	—						
February -			—	—	—	—	—	—	—	—	—						
March -			—	—	—	—	—	—	—	—	—						
April -			—	—	—	—	—	—	—	—	—						
May -			—	—	—	—	—	—	—	—	—						
June -			—	—	—	—	—	—	—	—	—						
July -			—	—	—	—	—	—	—	—	—						
August -			—	—	—	—	—	—	—	—	—						
September -	29.818 <sup>1</sup>	29.790 <sup>5</sup>	75.8 <sup>1</sup>	79.6 <sup>3</sup>	75.6 <sup>1</sup>	70.5 <sup>1</sup>	80.7 <sup>1</sup>	61.9	6th	84.7	25th	.671 <sup>4</sup>	.644 <sup>5</sup>	—	76.9 <sup>1</sup>	66.4 <sup>3</sup>	—
October -	.830	.790 <sup>3</sup>	71.1	—	69.6	64.8	74.3	54.0	18th	82.6	2nd	.564	—	—	77.4	—	—
November -	.744 <sup>4</sup>	.723 <sup>1</sup>	64.5 <sup>1</sup>	66.7 <sup>1</sup>	62.8 <sup>1</sup>	56.9 <sup>1</sup>	68.7 <sup>1</sup>	46.0	3rd	78.8	1st, 3rd	.496 <sup>1</sup>	.486 <sup>1</sup>	—	83.5 <sup>1</sup>	77.1 <sup>1</sup>	—
December -	29.889 <sup>1</sup>	29.846 <sup>1</sup>	58.6 <sup>1</sup>	58.8 <sup>3</sup>	58.1 <sup>7</sup>	55.8 <sup>3</sup>	60.5 <sup>7</sup>	49.7	29th	65.4	4th	.377 <sup>1</sup>	.383 <sup>3</sup>	—	78.8 <sup>1</sup>	73.3 <sup>3</sup>	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## CORFU (R.E.).

1853.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.830	29.804	54.6	55.7	—	49.9	—	46.2	20th	—	—	.323	.339	—	77.6	79.0	—
February -	29.515	29.490	55.1	56.3	—	49.1	—	41.1	28th	—	—	.315	.323	—	75.4	74.3	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	29.843	29.832	75.5	78.3	73.3	66.7	79.9	56.0	18th	85.8	30th	.646	.620	—	74.9	67.7	—
July -	.882	.846	81.6	86.0	80.5	72.0	88.9	66.5	5, 6, 7	100.6	19th	.682	.662	—	64.7	56.9	—
August -	.851	.819	80.4	85.0	78.6	71.5	85.7	64.7	11th	94.2	6th	.723	.694	—	68.4	57.7	—
September -	.823	.818	77.6	80.4	76.4	69.1	83.7	63.0	30th	98.7	8th	.646	.652	—	70.5	63.2	—
October -	.999	.974	71.2	74.3	70.0	63.7	76.3	56.5	6th, 27th	82.7	3rd	.529	.554	—	70.9	66.7	—
November -	.932	.915	63.0	64.9	61.5	55.6	67.4	45.2	12th	73.0	3rd	.412	.427	—	77.4	73.5	—
December -	29.832	29.794	56.6	58.2	56.8	52.7	60.9	46.0	28th	65.9	16th	.360	.355	—	80.3	73.3	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations were taken on Sundays during 1853.

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, 3 feet above ground.

MALTA.

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	5.6	5.8		ins. 4.070	ins. 1.930	25th	11	0	0	1				0	4	2	8	0	20	2	26	0	
February -	3.8	3.4		0.260	.140	13th	5	0	1	0				0	4	2	4	2	14	4	26	0	
March -	2.7	1.9		0.100	.100	30th	1	0	0	0				2	8	4	10	2	4	10	22	0	
April -	3.2	3.2		0.550	.200	4th	6	0	0	0				6	2	8	10	6	10	12	6	0	
May -	2.2	2.0		0.000	.000	—	0	0	0	0				4	8	8	4	6	4	14	14	0	
June -	2.3	1.7		0.000	.000	—	0	0	0	0				0	14	6	8	2	2	6	22	0	
July -	0.6	0.9		0.020	.020	8th	1	0	0	0				2	18	2	6	0	6	2	26	0	
August -	0.9	1.2		0.080	.080	16th	1	0	0	1				2	10	4	10	2	4	4	26	0	
September -	2.6	2.8		0.300	.300	9th	1	0	0	0				0	14	4	8	2	8	2	22	0	
October -	4.5	4.5		0.680	.280	30th	5	0	0	1				0	4	4	6	2	14	6	26	0	
November -	5.3	5.1		3.390	.950	7th	10	0	0	1				0	2	2	8	4	14	4	26	0	
December -	6.3	6.3		2.650	.960	4th	6	0	0	0				4	10	2	10	0	10	2	24	0	
Year -	3.3	3.2		12.100	—	—	47	0	1	4				20	98	48	92	28	110	68	266	0	

MALTA.

1886.				ins.	ins.																	
January -	5.0	5.0		4.930	1.450	17th	14	0	0	0				0	2	0	16	2	16	2	24	0
February -	5.9	5.5		3.280	.750	19th	12	0	0	0				0	8	2	10	2	10	2	22	0
March -	5.2	4.3		0.730	.400	6th	4	0	0	0				0	22	0	8	0	4	6	22	0
April -	3.7	3.6		0.600	.150	11, 25	6	0	0	0				2	6	0	20	0	2	4	26	0
May -	2.6	3.2		0.000	.000	—	0	0	0	0				2	12	12	16	2	2	2	14	0
June -	1.0	1.0		0.050	.050	12th	1	0	0	0				2	14	0	4	0	4	0	36	0
July -	0.5	0.7		0.000	.000	—	0	0	0	0				4	20	2	6	2	4	2	22	0
August -	2.3	1.7		0.000	.000	—	0	0	0	0				2	8	0	8	0	0	2	42	0
September -	3.8	4.2		3.590	.950	21st	11	0	0	3				0	16	6	14	0	4	0	20	0
October -	5.4	5.0		0.550	.250	2, 12	3	0	0	0				0	10	6	22	0	4	0	20	0
November -	5.7	5.8		6.830	3.400	15th	13	0	0	2				0	12	6	10	0	8	4	20	0
December -	5.5	5.7		4.310	.800	3rd	16	0	2	2				0	2	0	2	6	12	4	36	0
Year -	3.9	3.8		24.870	—	—	80	0	2	7				12	132	34	136	14	70	28	304	0

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

CORFU.

1852.	9.30 a.m.	3.30 p.m.		ins.	ins.																
January -																					
February -																					
March -																					
April -																					
May -																					
June -																					
July -																					
August -																					
September -	1.9 <sup>4</sup>	2.8 <sup>5</sup>		1.360	.570	15th	4							—	—	—	—	—	—	—	—
October -	4.1	3.5 <sup>5</sup>		3.780	1.140	18th	10							—	—	—	—	—	—	—	—
November -	3.3 <sup>4</sup>	4.2 <sup>4</sup>		6.750	1.600	25th	8							—	—	—	—	—	—	—	—
December -	4.1 <sup>4</sup>	4.1 <sup>4</sup>		4.990	—	—	—							—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—

CORFU.

1853.				ins.	ins.																
January -	6.8	5.8		11.005	2.240	25th	14														
February -	8.2	8.2		7.640	1.480	3rd	19														
March -	—	—		—	—	—	—														
April -	—	—		—	—	—	—														
May -	—	—		—	—	—	—														
June -	2.2	2.6		0.720	.400	9th	2														
July -	0.2	0.5		0.050	.050	27th	1														
August -	1.0	0.6		0.210	.100	10th	3														
September -	4.1	3.0		13.630	6.100	19th	7														
October -	2.6	1.7		0.150	.150	19th	1														
November -	7.1	7.7		5.990	1.430	15th	13														
December -	8.5	8.7		16.740	3.550	28th	21														
Year -	—	—		—	—	—	—														

NOTE.—No observations were taken on Sundays during 1853.

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## CORFU (R.E.).

Long. 19° 55' E. Lat. 39° 37' N. Height above Mean Sea Level, 74 feet.

1854.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%	
January -	29.966	29.932	54.2	56.7	54.3	49.4	59.2	42.3	30th	65.8	13th	.333	.353		81.5	75.3		
February -	29.877	29.819	48.7	52.1	48.7	42.6	54.8	33.5	13th	62.7	2nd	.245	.244		74.7	67.5		
March -	30.095	30.052	52.5	55.2	51.2	45.3	57.1	37.5	1st	67.5	14th	.276	.318		68.5	69.8		
April -	30.037	29.986	60.4	64.2	58.8	50.3	67.3	42.5	17th	72.4	10th	.373	.384		70.1	66.9		
May -	29.872	.848	67.0	70.3	65.7	59.5	71.9	51.5	1st	79.5	31st	.522	.528		79.8	72.5		
June -	.894	.877	75.9	79.6	74.4	67.2	81.5	60.1	10th	88.7	29th	.624	.646		74.5	65.1		
July -	.829	.806	80.2	84.6	79.9	72.2	87.6	68.7	8th	93.0	24th	.777	.796		75.4	68.8		
August -	.898	.869	80.2	84.3	79.6	71.4	87.8	65.0	26th	96.6	9th	.718	.666		70.6	58.3		
September	29.992	.956	73.7	76.4	72.3	65.2	79.3	54.0	28th	89.5	4th, 22nd	.588	.596		73.0	66.6		
October -	30.022	.991	67.8	70.1	—	60.8	—	52.8	31st	—	—	.574	.633		84.4	85.8		
November	29.831	.795	60.5	62.3	—	54.6	—	42.5	14th	—	—	.597	.541		95.8	95.8		
December	29.871	29.847	53.8	56.4	—	49.5	—	39.0	26th	—	—	.494	.437		96.1	95.5		
Year -	29.932	29.898	64.6	67.7	—	57.3	—	—	—	—	—	.495	.512		78.7	74.0		

NOTE.—No observations were taken on Sundays during 1854.

## CORFU (R.E.).

1855.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.970 <sup>4</sup>	29.941 <sup>1</sup>	49.5 <sup>4</sup>	52.5 <sup>4</sup>	—	45.7 <sup>1</sup>	—	34.0	16th	—	—	.338 <sup>4</sup>	.379 <sup>4</sup>		95.0 <sup>4</sup>	95.2 <sup>4</sup>	
February -	.778 <sup>4</sup>	.759 <sup>1</sup>	57.7 <sup>4</sup>	58.3 <sup>1</sup>	—	56.8 <sup>1</sup>	—	51.0	1st	—	—	.462 <sup>4</sup>	.475 <sup>4</sup>		96.4 <sup>4</sup>	96.7 <sup>4</sup>	
March -	.780 <sup>4</sup>	.757 <sup>1</sup>	57.1 <sup>4</sup>	59.7 <sup>1</sup>	—	56.3 <sup>4</sup>	—	49.7	14th	—	—	.415 <sup>4</sup>	.421 <sup>4</sup>		88.7 <sup>4</sup>	82.2 <sup>4</sup>	
April -	.759 <sup>5</sup>	.745 <sup>3</sup>	59.8 <sup>5</sup>	61.0 <sup>3</sup>	—	58.8 <sup>5</sup>	—	51.5	26th	—	—	.386 <sup>5</sup>	.388 <sup>5</sup>		78.1 <sup>5</sup>	75.2 <sup>5</sup>	
May -	.885	.872	67.2	70.3	—	62.5	—	54.0	20th	—	—	.524	.560		80.4	76.8	
June -	.926	.906	75.6	79.4	74.9	67.7	82.0	63.5	27th	90.3	4th	.615	.615		71.6	61.6	
July -	.879	.854 <sup>1</sup>	79.5	84.6 <sup>1</sup>	79.1	71.8	86.4	64.5	1st	93.0	13th	.723	.741 <sup>1</sup>		73.3	63.0 <sup>1</sup>	
August -	29.916	.882	78.8	84.0	78.3	70.8	85.7	67.5	14, 21, 22	93.0	28th	.687	.630		69.7	57.0	
September -	30.014	.987	76.0	79.3	75.3	69.4	81.2	60.5	27th	89.1	9th	.650	.624		72.1	65.0	
October -	29.980	.936 <sup>1</sup>	72.9	76.0 <sup>1</sup>	71.2	65.7	76.7	61.0	25, 26, 29	82.3	22nd	.609	.609 <sup>1</sup>		76.1	68.1 <sup>1</sup>	
November -	.966	.941 <sup>1</sup>	64.5	66.2 <sup>1</sup>	63.4	59.5	67.2	54.0	11, 20	74.0	3rd	.464	.461 <sup>1</sup>		77.2	73.9 <sup>1</sup>	
December -	29.883	29.841	55.9	58.6	55.3	51.1	59.4	39.5	17th	66.2	13th	.388	.401		87.7	83.1	
Year -	29.895	29.868	66.2	69.2	—	61.3	—	—	—	—	—	.522	.525		80.5	75.3	

## CORFU (R.E.).

1856.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.924	29.904	56.3	59.4	—	52.4	—	44.5	15, 30	—	—	.397	.415		87.8	83.3	
February -	30.024	30.000	54.7	58.9	—	49.9	—	41.5	2nd, 26th	—	—	.391	.416		92.0	85.6	
March -	29.963	29.918 <sup>1</sup>	53.7	56.5 <sup>1</sup>	—	47.7	—	33.2	9th	—	—	.397	.328 <sup>1</sup>		76.5	74.6 <sup>1</sup>	
April -	.950	.916	61.4	64.1	—	54.4	—	45.5	5th	—	—	.441	.482		81.6	79.3	
May -	.889	.864	66.7	70.1	—	59.2	—	52.0	7th	—	—	.514	.597		79.7	70.8	
June -	.915	.896	77.9	80.9	—	67.0	—	63.8	9th	—	—	.704	.721		75.4	68.8	
July -	.867	.841	78.6	82.8	—	70.2	—	62.5	9th	—	—	.682	.644		71.0	58.5	
August -	.853	.816	80.9	84.6	—	71.3	—	63.7	27th	—	—	.874	.930		84.2	78.5	
September -	29.937	29.917	74.3	79.1	—	65.3	—	58.6	24th	—	—	.692	.774		83.1	77.7	
October -	30.096	30.040	71.2	74.4	—	63.2	—	52.6	22nd	—	—	.652	.687		85.8	84.9	
November -	29.893	29.864	58.4	60.5	—	52.8	—	38.8	27th	—	—	.424	.425		80.2	84.5	
December -	30.012	29.960	55.8	58.8	—	49.5	—	38.7	4th	—	—	.394	.433		89.1	85.7	
Year -	29.944	29.911	65.8	69.2	—	58.6	—	—	—	—	—	.539	.564		83.0	77.7	

NOTE.—No observations taken on Sundays from July 1856.

## CORFU (R.E.).

1857.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.678	29.638	53.3	53.0	—	47.1	—	41.5	26, 31	—	—	.336	.330		84.5	83.7	
February -	30.127	30.108	50.2	54.0	—	44.1	—	36.5	16th	—	—	.280	.305		79.7	73.4	
March -	29.853	29.822 <sup>1</sup>	55.5	57.5 <sup>1</sup>	—	49.2	—	38.6	14th	—	—	.319	.342 <sup>1</sup>		74.8	72.9 <sup>1</sup>	
April -	.794	.772	62.5	65.2	—	54.3	—	45.9	26th	—	—	.439	.457		78.9	75.5	
May -	.857	.839	66.8	69.2	—	59.4	—	51.7	2nd	—	—	.520	.539		79.8	76.7	
June -	.882	.877	70.4	72.4	—	62.2	—	54.8	15th	—	—	.574	.580		77.2	71.4	
July -	.923	.891	78.4	81.9	—	69.7	—	65.0	1st, 3rd	—	—	.793	.885		82.6	80.0	
August -	29.851	.838	78.7	81.2	—	70.8	—	64.5	21st	—	—	.736	.738		76.5	69.8	
September -	30.019	.989	73.5	75.7	—	64.6	—	52.7	30th	—	—	.639	.626		76.8	73.1	
October -	.005	.955	70.9	72.5	—	63.4	—	48.3	31st	—	—	.564	.584		74.9	73.4	
November -	.029	29.993	61.2	62.7	—	52.0	—	42.0	21st	—	—	.396	.382		73.9	68.1	
December -	30.263	30.229	53.5	59.4	—	44.5	—	31.7	31st	—	—	.302	.315		76.3	65.0	
Year -	29.940	29.913	64.6	67.1	—	56.8	—	—	—	—	—	.492	.507		78.0	73.6	

NOTE.—No observations taken on Sundays during January 1857.

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

CORFU.

1854.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	5.7	6.0		ins. 9.160	ins. 1.950	13th	14																
February -	3.8	5.0		2.920	1.028	20th	10																
March -	4.8	5.4		2.950	.740	16th	8																
April -	2.3	1.8		1.760	1.000	28th	5																
May -	3.5	3.0		3.330	—	—	8																
June -	1.9	1.2		0.000	.000	—	0																
July -	1.2	2.3		0.000	.000	—	0																
August -	1.0	1.1		0.000	.000	—	0																
September	2.8	3.4		2.290	1.012	25th	6																
October -	4.3	4.3		—	—	—	—																
November	6.6	6.8		12.320	—	—	19																
December	5.7	6.2		17.150	4.250	9th	17																
Year -	3.6	3.9		—	—	—	—																

NOTE.—No observations were taken on Sundays during 1854.

CORFU.

				ins.	ins.																	
1855.																						
January -	4.9 <sup>4</sup>	5.1 <sup>4</sup>		5.600	1.600	18th	8															
February -	7.5 <sup>4</sup>	8.2 <sup>4</sup>		3.650	1.260	28th	9															
March -	5.6 <sup>4</sup>	5.5 <sup>4</sup>		3.220	1.200	14th	9															
April -	5.4 <sup>5</sup>	5.5 <sup>5</sup>		7.660	1.870	27th	12															
May -	4.1	4.5		4.410	1.370	14th	5															
June -	2.6	4.2		0.250	.250	10th	1															
July -	0.2	1.3 <sup>1</sup>		0.000	.000	—	0															
August -	0.8	1.9		0.150	.080	31st	2															
September -	3.3	4.4		3.220	2.180	27th	7															
October -	3.4	3.5 <sup>1</sup>		4.620	1.800	29th	5															
November -	6.3	7.4 <sup>1</sup>		12.860	3.600	7th	18															
December -	6.5	7.7		11.800	1.980	5th	17															
Year -	4.2	4.9		57.440	—	—	93															

CORFU.

				ins.	ins.																	
1856.																						
January -	7.2	7.3		7.680	2.530	27th	12															
February -	5.8	5.5		2.930	1.300	4th	9															
March -	4.5	5.0 <sup>1</sup>		3.210	1.200	30th	11															
April -	4.0	5.7		2.180	.840	7th	7															
May -	4.3	4.1		1.770	.820	4th	5															
June -	1.0	1.3		0.020	.020	9th	1															
July -	2.0	1.9		0.900	.800	28th	2															
August -	0.5	0.6		0.000	.000	—	0															
September -	3.2	2.1		2.800	1.640	24th	4															
October -	2.9	1.9		0.730	.400	27th	2															
November -	7.1	7.0		6.130	1.340	5th	15															
December -	6.3	5.4		11.070	2.090	1st	14															
Year -	4.1	4.0		39.420	—	—	82															

NOTE.—No observations taken on Sundays from July 1856.

CORFU.

				ins.	ins.																	
1857.																						
January -	9.0	9.4		24.120	—	—	29							1	20	28	4	1	2	4	2	0
February -	3.1	2.8		4.410	1.860	6th	8							18	3	23	1	0	0	0	3	8
March -	2.0	2.3 <sup>1</sup>		3.200	1.200	28th	10							1	9	20	2	0	5	6	9	10
April -	1.3	1.1		3.270	1.460	27th	5							8	4	12	10	1	6	4	7	8
May -	2.1	1.4		4.860	2.480	24th	7							15	5	6	15	0	6	3	2	10
June -	1.5	1.5		4.900	2.190	13th	9							15	3	4	7	4	6	9	4	8
July -	0.0	0.1		0.000	.000	—	0							14	2	10	3	0	0	17	14	2
August -	0.7	0.4		2.990	.990	26th	5							8	4	16	11	1	3	15	4	0
September -	0.8	1.1		4.870	2.060	30th	6							6	2	9	16	4	10	5	8	0
October -	2.1	1.6		6.930	1.370	10th	11							7	3	10	29	3	7	0	3	0
November -	2.3	2.0		7.900	3.420	27th	11							—	—	—	—	—	—	—	—	—
December -	0.7	0.5		0.280	.250	29th	2							18	29	3	1	0	0	2	9	0
Year -	2.1	2.0		67.730	—	—	103							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## CORFU (R.E.).

Long. 19° 55' E. Lat. 39° 37' N. Height above Mean Sea Level, 74 feet.

1858.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%.	%.	%.
January -	30.094	30.060	47.6	50.8	46.7	41.1	52.3	27.4	31st	58.1	12th	.227	.239		73.1	68.3	
February -	30.011	29.973	48.5	50.9	47.3	42.9	51.7	31.2	13th	58.6	17th	.227	.244		71.5	68.9	
March -	29.885	.851	56.4	58.6	53.2	47.0	59.4	40.0	22nd	69.4	30th	.321	.327		73.0	70.2	
April -	.907	.877	63.0	65.4	60.0	53.1	66.9	47.0	18th	73.2	24th	.400	.416		71.5	68.4	
May -	.880	.858	69.0	71.0	67.8	60.5	75.1	55.7	17th	82.8	7th	.498	.494		72.3	67.3	
June -	.893	.862	74.0	78.0	73.6	66.7	80.5	59.9	1st, 2nd	88.3	20th	.626	.641		75.0	68.6	
July -	.831	.819	78.4	82.6	77.9	70.1	85.7	62.3	4th	91.8	29th	.692	.673		71.5	61.7	
August -	.849	.834	77.2	81.2	76.6	69.8	83.4	66.1	9th, 11th	86.5	18th	.701	.701		75.8	66.6	
September	.993	.965	73.3	75.3	71.4	65.3	77.5	63.1	29th	83.4	8th	.655	.706		81.0	81.0	
October -	.976	.930	70.9	74.2	70.0	64.1	75.8	59.5	18th	78.9	13th	.592	.617		79.5	73.8	
November	.894	.882	63.2	64.0	61.1	56.5	65.7	46.0	12th	71.6	18th	.428	.424		74.8	72.6	
December	29.959	29.903	55.5	57.6	54.5	48.8	60.1	31.7	20th	68.9	2nd	.312	.316		73.4	69.2	
Year -	29.931	29.901	64.8	67.5	63.4	57.2	69.5	—	—	—	—	.473	.483		74.4	69.7	

## CORFU (R.E.).

1859.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.144	30.130	50.1	51.5	48.7	42.0	55.4	35.9	16th	60.3	1st	.228	.199		66.2	58.3	
February -	29.999	29.981	52.5	54.1	51.5	45.6	57.4	38.0	21st	59.9	13th	.272	.275		71.7	68.2	
March -	.994	.996	56.5	56.6	55.5	50.4	60.5	42.9	1st	64.7	8th, 31st	.334	.335		74.4	72.2	
April -	.875	.859	65.5	66.5	63.0	56.8	69.1	47.6	7th	76.1	28th	.412	.409		67.7	65.5	
May -	.807	.787	68.5	71.5	67.7	61.3	74.1	57.5	25th	80.7	7th	.529	.529		76.2	70.5	
June -	.829	.820	74.3	76.5	72.4	65.8	78.9	61.0	1st	81.7	26th	.568	.568		68.2	64.2	
July -	.868	.858	81.3	83.7	81.3	73.6	89.0	69.6	7th	99.5	6th, 7th	.738	.689		70.0	61.2	
August -	.814	.791	83.9	84.8	83.0	75.2	90.7	66.7	26th	99.9	15th	.738	.711		63.9	61.0	
September -	.856	.858	72.4	72.5	71.3	64.9	77.7	60.1	21st	81.4	13th	.539	.564		70.6	69.0	
October -	29.976	29.958	73.2	73.9	70.7	65.1	76.3	54.6	29th	80.2	3rd	.564	.574		70.2	64.8	
November -	30.032 <sup>2</sup>	30.016 <sup>2</sup>	64.5 <sup>2</sup>	67.2 <sup>2</sup>	—	57.6 <sup>2</sup>	—	51.0	22nd	—	—	.416 <sup>2</sup>	.446 <sup>2</sup>		71.9 <sup>2</sup>	68.8 <sup>2</sup>	
December -	29.845	29.823	54.5	56.5	52.7	46.8	58.6	42.0	23rd	67.0	2nd	.304	.323		74.0	74.2	
Year -	29.920	29.907	66.4	67.9	—	58.8	—	—	—	—	—	.470	.469		70.4	66.5	

## CORFU (R.E.).

1860.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.993	29.961	53.5	56.3	52.0	46.7	57.2	40.0	18th	63.0	7th	.299	.308		77.2	72.4	
February -	.726	.705	52.0	54.7	50.8	45.8	55.7	34.5	9th	61.5	6th	.273	.273		73.1	66.8	
March -	.871	.842	53.7	55.9	52.1	47.0	57.1	38.5	8th	68.0	31st	.283	.292		71.9	68.9	
April -	.879	.861	63.1	65.0	60.8	55.1	66.5	49.5	23, 25	78.0	30th	.425	.421		76.1	70.2	
May -	.859	.849	69.5	72.9	68.0	61.4	74.6	54.5	7th	81.5	2nd	.545	.560		76.3	69.7	
June -	.850	.838	76.8	82.7	76.7	68.6	84.7	61.5	1st	95.3	29th	.666	.694		73.4	63.0	
July -	.796	.778	77.0	83.0	77.3	70.0	84.5	64.5	10th	92.5	3rd	.697	.701		76.3	68.6	
August -	.876	.847	81.2	85.4	80.6	73.2	87.9	67.1	5th	93.0	21st	.746	.744		70.7	62.1	
September -	29.919	.896	79.5	81.8 <sup>1</sup>	78.7	70.8	86.6	62.5	29th	94.7	3rd	.733	.731 <sup>1</sup>		73.0	66.6 <sup>1</sup>	
October -	30.004	.976	70.9	72.4	69.4	62.4	76.3	55.8	31st	87.0	8th	.580	.588		76.6	74.4	
November -	29.926	.892	59.5	60.4	59.1	53.4	64.7	43.3	9th	70.5	27th	.374	.388		75.6	75.5	
December -	29.730	29.703	56.5	57.0	56.8	50.6	63.0	37.5	31st	68.7	10th	.342	.348		77.0	76.9	
Year -	29.869	29.846	66.1	69.0	65.2	58.8	71.6	—	—	—	—	.497	.504		74.8	69.6	

## CORFU (R.E.).

1861.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.942	29.924	51.5	54.4	52.6	46.4	58.7	37.5	1st	63.9	17th	.278	.313		77.5	76.7	
February -	30.146 <sup>1</sup>	30.109 <sup>1</sup>	53.4 <sup>1</sup>	56.6 <sup>1</sup>	53.3 <sup>1</sup>	46.7 <sup>1</sup>	59.9 <sup>1</sup>	42.8	14th	62.7	9th	.321 <sup>1</sup>	.339 <sup>1</sup>		81.4 <sup>1</sup>	77.0 <sup>1</sup>	
March -	29.799 <sup>1</sup>	29.800 <sup>1</sup>	55.9 <sup>1</sup>	57.1 <sup>1</sup>	54.5 <sup>1</sup>	48.4 <sup>1</sup>	60.6 <sup>1</sup>	42.0	17th	65.7	28th	.343 <sup>1</sup>	.324 <sup>1</sup>		79.2 <sup>1</sup>	72.6 <sup>1</sup>	
April -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
May -	30.004	29.976	70.9	72.4	69.4	62.4	76.3	55.8	1st	87.0	28th	.580	.588		76.6	74.2	
June -	29.859	.840	76.9	82.9	76.7	68.6	84.7	62.5	10, 11	95.3	28th	.666	.694		73.1	62.0	
July -	29.800	29.779	78.8	80.8	78.6	70.6	86.5	64.5	25th	90.4	31st	.706	.694		76.4	68.8	
August -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
September -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
October -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
November -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
December -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

CORFU.

1858.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	3.1	2.5		5.330	1.490	8th	10							8	18	10	17	0	1	1	7	0		
February -	3.9	3.8		5.480	1.200	3rd	17							5	9	30	10	0	0	0	2	0		
March -	2.8	2.6		6.750	2.340	1st	10							14	0	21	9	2	3	10	3	0		
April -	2.2	2.3		2.570	1.500	13th	6							7	12	11	12	1	7	7	3	0		
May -	3.8	3.5		2.980	1.300	28th	8							3	6	3	25	3	7	8	7	0		
June -	2.3	2.5		3.240	1.020	24th	6							11	2	0	24	2	2	14	5	0		
July -	2.2	1.8		0.000	.0000	—	0							5	11	7	6	0	6	13	14	0		
August -	3.0	2.7		1.080	1.080	9th	1							5	12	8	11	4	8	10	4	0		
September	4.4	5.2		10.130	3.720	25th	9							5	5	9	12	3	10	13	3	0		
October -	4.4	4.3		5.610	1.560	29th	7							12	9	22	8	4	2	3	2	0		
November	6.1	5.2		9.190	2.430	30th	15							8	4	14	15	2	2	15	0	0		
December	4.4	3.6		8.060	2.600	6th	11							4	5	14	8	6	11	7	7	0		
Year -	3.6	3.3		60.420	—	—	100							87	93	149	157	27	59	101	57	0		

CORFU.

				ins.	ins.																	
1859.				ins.	ins.																	
January -	2.5	2.0		0.120	.060	15th	3							13	20	14	6	0	0	2	7	0
February -	3.3	2.5		2.490	.600	21st	6							16	8	14	13	0	2	2	1	0
March -	3.8	2.9		2.160	.700	22nd	8							9	4	16	13	3	4	6	7	0
April -	2.3	2.1		1.080	.800	11th	4							0	2	0	34	1	5	9	9	0
May -	4.8	4.4		1.900	.480	9th	7							2	5	7	19	9	13	5	2	0
June -	2.2	2.0		0.000	.000	—	0							0	2	0	12	6	16	10	14	0
July -	1.5	1.1		0.000	.000	—	0							3	9	8	2	3	2	10	25	0
August -	2.7	2.5		2.060	1.700	22nd	3							4	1	4	3	13	12	6	19	0
September -	3.0	2.9		7.180	4.400	2nd	9							0	1	6	17	10	10	13	3	0
October -	3.0	2.4		3.330	.910	30th	6							0	0	9	37	1	13	2	0	0
November -	4.7 <sup>2</sup>	4.3 <sup>2</sup>		2.300	2.000	26th	2							6	8	32	11	1	2	0	0	0
December -	5.7	4.7		13.130	3.000	20th	13							8	2	5	13	3	6	5	20	0
Year -	3.3	2.8		35.750	—	—	61							61	62	115	180	50	85	70	107	0

CORFU.

				ins.	ins.																	
1860.				ins.	ins.																	
January -	5.3	5.4		3.140	.800	13th	8							4	10	16	14	1	3	4	10	0
February -	4.8	4.9		12.480	2.350	28th	13							5	2	14	10	7	4	10	6	0
March -	—	—		7.910	1.550	6th	15							8	0	18	17	2	4	4	9	0
April -	3.7	3.3		1.640	.830	20th	4							0	3	8	21	2	5	14	7	0
May -	2.5	2.3		0.000	.000	—	0							4	2	6	18	3	18	5	6	0
June -	1.2	1.0		0.000	.000	—	0							3	15	12	9	0	1	8	12	0
July -	1.5	1.3		0.330	.170	11th	2							11	7	14	8	0	12	6	4	0
August -	1.5	1.0		0.000	.000	—	0							10	12	20	1	0	3	10	6	0
September -	1.3	1.2 <sup>1</sup>		1.570	.950	26th	3							7	9	8	7	5	4	10	10	0
October -	1.5	1.7		—	—	—	—							1	1	10	14	1	11	12	12	0
November -	1.9	1.8		—	—	—	—							7	8	12	8	7	6	7	5	0
December -	2.2	2.0		—	—	—	—							0	10	20	13	0	9	4	6	0
Year -	—	—		—	—	—	—							60	79	158	140	28	80	94	93	0

CORFU.

				ins.	ins.																	
1861.				ins.	ins.																	
January -	1.8	1.6		1.880	1.100	4th	5							2	5	29	11	1	5	6	3	0
February -	—	—		2.040	1.040	27th	4							4	3	14	15	5	7	6	2	0
March -	2.4 <sup>11</sup>	2.2 <sup>11</sup>		3.560	1.200	15th	7							8	6	5	16	2	7	8	10	0
April -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
May -	1.1	1.2		0.810	.350	9th	4							—	—	—	—	—	—	—	—	—
June -	1.2	1.1		0.910	.510	15th	2							9	11	11	11	6	3	8	3	0
July -	0.6	0.7		0.000	.000	—	0							3	16	11	8	0	2	10	10	0
August -	—	—		—	—	—	—							10	9	7	14	0	1	7	14	0
September -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
October -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
November -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
December -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## SCUTARI (A.M.D.).

Long. 29° 3' E. Lat. 41° 0' N. Height above Mean Sea Level, 60 feet.

1865.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.											in.		in.		%	%
January -	29.838		48.9		47.7	42.0	53.4	31.4	—	63.4	—	30.7				89	
February -	.732		44.0		43.2	36.6	49.8	25.4	—	59.4	—	25.2				87	
March -	29.786		52.0		49.5	41.1	57.8	30.8	—	71.2	—	29.4				76	
April -	30.060		53.5		49.8	40.9	58.6	32.8	—	73.4	—	29.0				70	
May -	29.980		62.6		59.5	49.2	69.7	38.0	—	79.8	—	40.3				71	
June -	.896		71.2		66.7	55.8	77.5	48.2	—	85.8	—	53.4				69	
July -	.815		77.0		73.4	63.0	83.7	57.0	—	89.8	—	63.9				69	
August -	29.811		79.6		73.8	62.4	85.2	56.0	—	89.4	—	67.2				67	
September -	30.036		65.7		63.1	53.8	72.4	46.4	—	84.8	—	46.0				73	
October -	29.914		67.3		64.1	54.9	73.2	48.2	—	88.6	—	50.8				76	
November -	30.043		55.2		53.1	46.9	59.2	40.0	—	70.0	—	36.8				85	
December -	30.200		42.7		40.7	34.4	47.0	27.8	—	60.4	—	21.3				78	
Year -	29.926		60.0		57.0	48.4	65.6	—	—	—	—	41.2				75.8	

## SCUTARI (A.M.D.).

1866.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.115 <sup>7</sup>	30.090 <sup>7</sup>	39.1	44.2 <sup>7</sup>	39.3	32.3	46.2	18.2	8th	55.4	13th	193	213 <sup>7</sup>		81	73 <sup>7</sup>	
February -	29.983 <sup>3</sup>	29.947 <sup>5</sup>	43.9	48.2 <sup>5</sup>	43.8	37.2	50.3	28.6	18th	59.0	13th	238	253 <sup>5</sup>		83	76 <sup>5</sup>	
March -	29.827 <sup>1</sup>	790 <sup>4</sup>	53.8	57.9 <sup>4</sup>	52.9	44.5	61.3	34.4	29th	75.8	22nd	311	329 <sup>4</sup>		75	68 <sup>4</sup>	
April -	30.022	986 <sup>12</sup>	54.2	59.0 <sup>12</sup>	52.5	42.5	62.5	34.2	3rd	77.8	22nd	318	340 <sup>12</sup>		75	68 <sup>12</sup>	
May -	29.923 <sup>3</sup>	902 <sup>9</sup>	62.6	67.2 <sup>9</sup>	60.0	49.0	70.9	42.0	10th	81.8	15th	425	442 <sup>9</sup>		75	66 <sup>9</sup>	
June -	849	833 <sup>6</sup>	71.1	74.7 <sup>6</sup>	68.2	57.7	78.7	53.6	12th	90.8	30th	532	530 <sup>6</sup>		70	61 <sup>6</sup>	
July -	783	752 <sup>6</sup>	79.5	83.3 <sup>6</sup>	75.8	63.3	88.3	58.8	28th	97.2	25th	631	610 <sup>6</sup>		62	53 <sup>6</sup>	
August -	800 <sup>1</sup>	778 <sup>6</sup>	77.1	81.6 <sup>6</sup>	73.6 <sup>1</sup>	61.6 <sup>1</sup>	85.6 <sup>1</sup>	57.4	8th, 18th	95.0	3rd	587 <sup>1</sup>	604 <sup>6</sup>		63 <sup>1</sup>	56 <sup>6</sup>	
September -	29.908 <sup>1</sup>	29.885 <sup>6</sup>	73.0 <sup>1</sup>	75.9 <sup>6</sup>	70.3 <sup>1</sup>	58.9 <sup>1</sup>	81.6 <sup>1</sup>	53.0	5th	89.8	20th	575 <sup>1</sup>	591 <sup>6</sup>		71 <sup>1</sup>	66 <sup>6</sup>	
October -	30.049	30.013 <sup>7</sup>	57.2	58.5 <sup>7</sup>	56.1	48.5	63.7	29.0	20th	76.8	16th	381	365 <sup>7</sup>		81	74 <sup>7</sup>	
November -	29.984	29.940 <sup>5</sup>	48.8	52.8 <sup>5</sup>	48.0	40.6	55.4	26.8	23rd	63.2	10th	278	293 <sup>5</sup>		80	74 <sup>5</sup>	
December -	30.054 <sup>0</sup>	30.016 <sup>6</sup>	44.2	48.7 <sup>6</sup>	43.4	37.1	49.6	27.8	12th	62.6	1st	244	251 <sup>6</sup>		84	73 <sup>6</sup>	
Year -	29.941	29.911	58.7	62.7	57.0	47.8	66.2	—	—	—	—	393	402		75.0	67.3	

## SCUTARI (A.M.D.).

1867.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.960	29.933 <sup>3</sup>	46.9	49.0 <sup>3</sup>	45.9	39.5	52.3	24.0	8th	64.0	4th	256	270 <sup>3</sup>		81	77 <sup>3</sup>	
February -	30.168 <sup>3</sup>	30.132 <sup>3</sup>	43.9	47.6 <sup>3</sup>	42.5	34.8	50.2	28.0	5th	58.4	27th	233	247 <sup>3</sup>		81	75 <sup>3</sup>	
March -	29.886	841 <sup>5</sup>	45.6	49.5 <sup>5</sup>	45.2	37.2	53.2	26.2	4th	75.2	31st	257	267 <sup>5</sup>		84	75 <sup>5</sup>	
April -	854	814 <sup>5</sup>	55.8	57.6 <sup>5</sup>	53.0	43.2	62.8	32.8	13th	77.6	1st	345	344 <sup>5</sup>		77	73 <sup>5</sup>	
May -	890 <sup>11</sup>	848 <sup>11</sup>	62.1 <sup>7</sup>	67.8 <sup>11</sup>	59.7 <sup>7</sup>	49.0 <sup>7</sup>	70.3 <sup>7</sup>	41.4	9th	85.4	18th	409 <sup>7</sup>	427 <sup>11</sup>		73 <sup>7</sup>	63 <sup>11</sup>	
June -	828	804 <sup>2</sup>	69.4	73.2 <sup>2</sup>	66.8	55.9	77.7	48.8	3rd	89.6	17th	527	516 <sup>2</sup>		73	63 <sup>2</sup>	
July -	861	828 <sup>3</sup>	76.8	81.4 <sup>3</sup>	72.8	60.2	85.3	53.6	11th	95.4	30th	573	609 <sup>3</sup>		62	56 <sup>3</sup>	
August -	29.902	888 <sup>7</sup>	75.8	77.9 <sup>7</sup>	71.1	58.9	83.2	53.0	16th	92.2	3rd	568	557 <sup>7</sup>		64	58 <sup>7</sup>	
September -	30.018 <sup>8</sup>	992 <sup>8</sup>	71.2	73.7 <sup>8</sup>	66.8	54.4	79.2	46.0	30th	85.2	25th	505	493 <sup>8</sup>		66	60 <sup>8</sup>	
October -	011	982 <sup>12</sup>	65.7	69.7 <sup>12</sup>	63.2	53.1	73.3	43.2	7th	84.6	10th	490	482 <sup>12</sup>		78	67 <sup>12</sup>	
November -	30.008	971 <sup>6</sup>	48.1	51.7 <sup>6</sup>	46.7	39.2	54.1	29.0	19, 30	70.0	2nd	262	283 <sup>6</sup>		78	74 <sup>6</sup>	
December -	29.799	29.777 <sup>7</sup>	43.1 <sup>7</sup>	44.8 <sup>7</sup>	43.7	37.1	50.3	23.0	29th	68.0	8th	218	222 <sup>7</sup>		74	75 <sup>7</sup>	
Year -	29.932	29.901	58.7	62.0	56.5	46.9	66.0	—	—	—	—	387	393		74.3	68.0	

## SCUTARI (A.M.D.).

1868.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.928 <sup>9</sup>	29.900 <sup>9</sup>	43.8	46.2 <sup>9</sup>	42.4	36.5	48.3	26.6	13th	60.2	3rd	239	250 <sup>9</sup>		82	81 <sup>9</sup>	
February -	30.111 <sup>4</sup>	—	40.0 <sup>4</sup>	—	39.0 <sup>4</sup>	31.5 <sup>4</sup>	46.5 <sup>4</sup>	21.4	13th	57.6	28, 29	202 <sup>4</sup>	—		79 <sup>4</sup>	—	
March -	29.849	29.809 <sup>3</sup>	44.6	46.1 <sup>3</sup>	42.9	35.4	50.3	26.0	17th	63.6	11th	236	249 <sup>3</sup>		80	81 <sup>3</sup>	
April -	911	876 <sup>7</sup>	52.0	57.5 <sup>7</sup>	50.4	40.4	60.3	26.6	3rd	74.2	27th	303	321 <sup>7</sup>		78	68 <sup>7</sup>	
May -	984	959 <sup>10</sup>	64.6	69.4 <sup>10</sup>	62.1	51.2	73.0	40.4	2nd	85.2	9th	423	403 <sup>10</sup>		70	56 <sup>10</sup>	
June -	890 <sup>4</sup>	862 <sup>4</sup>	74.7	78.9 <sup>4</sup>	71.5	59.7	83.2	48.8	3rd	95.0	27th	542	506 <sup>4</sup>		63	51 <sup>4</sup>	
July -	775	755 <sup>5</sup>	76.2	80.9 <sup>5</sup>	74.7	64.1	85.3	57.2	18th	93.0	30th	634	628 <sup>5</sup>		71	59 <sup>5</sup>	
August -	808	785 <sup>5</sup>	77.0	81.5 <sup>5</sup>	75.2	64.5	85.9	53.0	29th	95.2	7th	643	658 <sup>5</sup>		69	61 <sup>5</sup>	
September -	29.938	907 <sup>5</sup>	72.3	76.2 <sup>5</sup>	70.2	59.3	81.0	55.0	10th	86.2	26th	591	587 <sup>5</sup>		75	66 <sup>5</sup>	
October -	30.005	966 <sup>5</sup>	66.5	72.0 <sup>5</sup>	65.6	55.4	75.7	44.8	7th	87.0	22nd	489	517 <sup>5</sup>		76	65 <sup>5</sup>	
November -	29.959	29.915 <sup>3</sup>	51.1	54.6 <sup>3</sup>	50.8	44.8	56.7	31.4	14th	73.0	8th	296	294 <sup>3</sup>		79	69 <sup>3</sup>	
December -	30.053	30.032 <sup>5</sup>	47.1	51.6 <sup>5</sup>	47.1	40.6	53.6	31.0	15th	60.2	31st	261	278 <sup>5</sup>		81	76 <sup>5</sup>	
Year -	29.934	—	59.2	—	57.7	48.6	66.7	—	—	—	—	405	—		75.3	—	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

SCUTARI.

1865.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	7.6			3' 220	—	—	17																
February -	8.6			2' 170	—	—	18																
March -	6.2			3' 280	—	—	19																
April -	4.4			1' 370	—	—	11																
May -	4.8			1' 710	—	—	8																
June -	3.8			1' 800	—	—	7																
July -	3.9			3' 030	—	—	5																
August -	2.5			0' 960	—	—	4																
September	5.3			4' 400	—	—	12																
October -	5.7			1' 430	—	—	11																
November	7.0			4' 070	—	—	14																
December	7.0			3' 660	—	—	15																
Year -	5.6			31' 100	—	—	141																

SCUTARI.

				ins.	ins.																	
1866.																						
January -	4.2	4.5 <sup>7</sup>		2.450	.620	8th	14	3	1	0				5	7	5	3	2	2	1	0	6
February -	6.7	6.8 <sup>5</sup>		4.110	.890	16th	15	0	0	0				4	6	5	1	2	8	1	0	1
March -	6.0	5.4 <sup>4</sup>		3.060	.880	7th	12	0	0	2				2	1	2	3	7	10	3	0	3
April -	5.5	3.6 <sup>12</sup>		0.470	.140	13th	7	0	0	1				5	4	8	0	3	7	0	0	3
May -	4.8	3.3 <sup>9</sup>		1.750	.400	18th	9	0	2	5				4	5	8	0	5	6	1	0	2
June -	5.2	4.2 <sup>6</sup>		3.220	2.040	3rd	6	0	0	2				6	4	8	2	7	3	0	0	0
July -	2.2	2.0 <sup>6</sup>		0.060	.040	12th	2	0	0	1				8	3	8	0	7	3	0	1	1
August -	3.4 <sup>1</sup>	2.6 <sup>6</sup>		1.280	.500	15th	4	0	0	4				6	5	11	1	3	4	1	0	0
September -	4.6 <sup>1</sup>	3.9 <sup>6</sup>		6.370	4.060	25th	8	0	0	6				4	10	7	0	6	1	1	0	1
October -	7.8	8.0 <sup>7</sup>		8.670	2.580	20th	21	3	3	2				8	6	10	0	0	5	0	0	2
November -	6.7	6.9 <sup>5</sup>		5.410	1.700	15th	15	1	0	0				5	6	7	2	2	5	2	0	1
December -	6.1	5.7 <sup>6</sup>		3.520	1.180	15th	14	2	0	1				3	9	6	1	2	7	1	1	1
Year -	5.3	4.7		40.370	—	—	127	9	6	24				60	66	85	13	46	61	11	2	21

NOTE.—The wind summary for 1866 includes only the morning observations.

SCUTARI.

				ins.	ins.																	
1867.																						
January -	7.1	7.2 <sup>3</sup>		4.180	2.050	22nd	10	3	0	1				3	4	2	3	6	10	0	1	2
February -	6.3	5.4 <sup>3</sup>		2.510	.850	8th	15	1	2	0				4	4	7	1	1	8	0	0	3
March -	7.7	7.8 <sup>5</sup>		3.590	1.370	23rd	17	3	0	2				4	8	6	1	4	3	2	0	3
April -	4.5	4.8 <sup>5</sup>		2.140	.400	9th	12	2	1	3				10	2	1	0	8	4	1	0	4
May -	4.8 <sup>7</sup>	2.8 <sup>11</sup>		1.260	.600	7th	6	0	0	4				—	—	—	—	—	—	—	—	—
June -	4.2	3.2 <sup>2</sup>		3.340	.970	12th	10	0	0	5				5	4	2	0	6	10	2	0	1
July -	1.5	1.4 <sup>3</sup>		0.100	.100	1st	1	0	0	0				7	9	6	0	2	5	0	0	2
August -	3.9	2.8 <sup>7</sup>		2.750	1.080	16th	5	0	0	3				3	10	15	0	2	1	0	0	0
September -	3.5	2.7 <sup>8</sup>		0.010	.010	19th	1	0	0	0				2	5	17	0	2	2	0	0	2
October -	5.6	5.0 <sup>12</sup>		1.870	1.170	31st	7	0	0	4				7	9	7	1	3	3	0	0	1
November -	7.2	7.3 <sup>6</sup>		5.520	1.440	19th	19	1	1	3				5	7	7	0	4	1	5	0	1
December -	7.4	7.5 <sup>7</sup>		3.620	.660	22nd	19	8	2	2				6	2	4	5	6	2	3	3	0
Year -	5.3	4.8		30.890	—	—	122	18	6	27				—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1867 includes only the morning observations.

SCUTARI.

				ins.	ius.																	
1868.																						
January -	8.1	7.7 <sup>9</sup>		3.430	.450	28th	16	6	0	0				4	12	2	1	3	7	1	0	1
February -	6.2 <sup>4</sup>	—		2.750	.520	12th	15	10	5	0				—	—	—	—	—	—	—	—	—
March -	8.0	8.2 <sup>3</sup>		8.040	1.440	26th	21	3	1	1				6	6	5	5	2	4	1	2	0
April -	5.2	5.7 <sup>7</sup>		1.630	.410	1st	13	3	1	4				5	1	3	0	8	10	3	0	0
May -	4.5	4.1 <sup>10</sup>		0.100	.050	3rd	4	0	0	0				9	3	7	0	2	8	2	0	0
June -	3.3	2.8 <sup>4</sup>		0.640	.640	19th	1	0	0	1				9	11	6	0	4	0	0	0	0
July -	4.4	3.7 <sup>6</sup>		2.510	1.730	16th	8	0	1	6				6	5	2	0	3	14	1	0	0
August -	5.7	4.1 <sup>6</sup>		5.800	2.540	15th	6	0	0	8				4	6	9	0	5	5	2	0	0
September -	4.9	2.8 <sup>5</sup>		0.370	.240	17th	6	0	0	2				1	4	10	1	4	3	2	3	2
October -	5.3	4.7 <sup>7</sup>		4.570	4.300	31st	6	0	0	1				3	5	9	0	5	5	1	1	2
November -	7.5	7.6 <sup>3</sup>		5.890	1.220	12th	18	1	0	1				8	3	6	3	1	6	1	0	2
December -	5.3	5.2 <sup>6</sup>		1.000	.430	10th	13	1	1	1				5	5	9	0	1	9	0	0	2
Year -	5.7	—		36.730	—	—	127	24	9	25				—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1868 includes only the morning observations.

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## SCUTARI (A.M.D.).

Long. 29° 3' E. Lat. 41° 0' N. Height above Mean Sea Level, 60 feet.

1869.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in	%	%	%
January -	30.177	30.144 <sup>4</sup>	36.4	38.7 <sup>4</sup>	36.0	29.3	42.7	13.0	25th	61.2	1st	.182	.189 <sup>4</sup>		84	81 <sup>4</sup>	
February -	30.113	30.089 <sup>6</sup>	43.1	47.3 <sup>6</sup>	42.9	35.2	50.5	37.8	6th	62.4	22nd	.229	.242 <sup>6</sup>		82	76 <sup>6</sup>	
March -	29.620 <sup>4</sup>	29.592 <sup>4</sup>	51.5	55.6 <sup>4</sup>	51.7	43.3	60.0	36.8	6th	75.4	13th	.300	.312 <sup>4</sup>		79	70 <sup>4</sup>	
April -	.949	.908 <sup>6</sup>	53.8	57.9 <sup>6</sup>	51.8	42.3	61.3	34.0	15th	76.0	18th	.311	.319 <sup>6</sup>		75	66 <sup>6</sup>	
May -	.902	.874 <sup>3</sup>	65.9	71.1 <sup>3</sup>	63.7	51.7	75.7	40.4	8th	91.0	26th	.457	.490 <sup>3</sup>		72	65 <sup>3</sup>	
June -	.881	.862	74.9	80.0	72.7	59.9	85.5	53.2	7th	103.6	22nd	.541	.571		62	55	
July -	.851	.829 <sup>6</sup>	76.5	83.1 <sup>6</sup>	74.5	61.3	87.7	54.4	13th	94.0	29th	.587	.599 <sup>6</sup>		65	53 <sup>6</sup>	
August -	.817	.790 <sup>4</sup>	80.3	85.8 <sup>4</sup>	77.5	65.0	90.0	55.2	13th	99.8	11th	.714	.712 <sup>4</sup>		69	58 <sup>4</sup>	
September	29.961	.929 <sup>2</sup>	70.5	74.0 <sup>2</sup>	67.9	56.7	79.1	50.8	15th	88.0	1st	.511	.513 <sup>2</sup>		68	61 <sup>2</sup>	
October -	30.008	.972 <sup>2</sup>	63.6	68.4 <sup>2</sup>	61.9	52.1	71.6	41.8	10th	81.6	1st	.455	.477 <sup>2</sup>		77	68 <sup>2</sup>	
November	29.979	29.942 <sup>3</sup>	52.5	57.1 <sup>6</sup>	51.1	42.9	59.3	27.2	13th	70.4	12th	.303	.315 <sup>6</sup>		76	68 <sup>6</sup>	
December	30.096	30.075 <sup>5</sup>	48.4	51.8 <sup>5</sup>	48.3	41.5	55.1	31.6	19th	66.8	29th	.262	.277 <sup>5</sup>		78	72 <sup>5</sup>	
Year -	29.946	29.917	59.8	64.2	58.3	48.4	68.2	—	—	—	—	.404	.418		73.9	66.1	

## SCUTARI (A.M.D.).

1870.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.990	29.966 <sup>3</sup>	45.4	48.0 <sup>3</sup>	45.8	39.2	52.3	13.2	31st	63.6	19, 20	.251	.265 <sup>3</sup>		84	80 <sup>3</sup>	
February -	30.054	30.030 <sup>2</sup>	39.1	42.8 <sup>2</sup>	40.1	33.3	46.9	17.4	2nd	65.0	21st	.196	.203 <sup>2</sup>		82	73 <sup>2</sup>	
March -	29.785 <sup>3</sup>	29.747 <sup>3</sup>	46.0	48.5 <sup>3</sup>	45.9	39.5	52.2	28.6	17th	62.6	13th	.257	.261 <sup>3</sup>		83	77 <sup>3</sup>	
April -	.940 <sup>1</sup>	.924 <sup>1</sup>	49.1	52.2 <sup>1</sup>	47.9	40.0	55.7	31.8	5th	72.8	29th	.269	.270 <sup>1</sup>		76	70 <sup>1</sup>	
May -	.979	.924 <sup>1</sup>	66.0	71.0 <sup>1</sup>	64.5	53.5	75.4	47.8	17th	84.6	23, 24	.449	.450 <sup>1</sup>		71	59 <sup>1</sup>	
June -	.911	.882 <sup>3</sup>	71.1	75.8 <sup>3</sup>	69.3	58.1	80.5	51.0	2nd	85.2	9th	.539	.513 <sup>3</sup>		71	58 <sup>3</sup>	
July -	.814	.790 <sup>1</sup>	77.2	81.9 <sup>1</sup>	74.8	62.6	86.9	57.0	5th	93.0	30th	.579	.572 <sup>1</sup>		62	53 <sup>1</sup>	
August -	.735	.712 <sup>1</sup>	77.0	83.2 <sup>1</sup>	75.5	63.2	87.8	55.4	28th	96.0	9th	.581	.541 <sup>1</sup>		63	47 <sup>1</sup>	
September -	.925	.906 <sup>1</sup>	66.1	70.4 <sup>2</sup>	65.0	55.4	74.5	47.2	20th	87.8	4th	.451	.448 <sup>2</sup>		71	60 <sup>2</sup>	
October -	29.927	29.890 <sup>2</sup>	59.0	61.2 <sup>2</sup>	57.8	50.5	65.1	42.4	20th	74.2	11th	.388	.397 <sup>2</sup>		78	74 <sup>2</sup>	
November -	30.063	30.027 <sup>1</sup>	58.0	61.4 <sup>1</sup>	57.7	50.8	64.5	42.6	30th	75.4	3rd	.385	.406 <sup>1</sup>		80	75 <sup>1</sup>	
December -	29.846	29.821 <sup>1</sup>	50.7	53.9 <sup>1</sup>	50.6	44.0	57.1	34.2	6th	64.6	29th	.293	.303 <sup>1</sup>		80	73 <sup>1</sup>	
Year -	29.914	29.885	58.7	62.5	57.9	49.2	66.6	—	—	—	—	.387	.386		75.1	66.6	

## SCUTARI (A.M.D.).

1871.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.959	29.930	45.9	48.4	45.7	40.0	51.4	26.6	31st	61.4	13th	.252	.269		82	80	
February -	30.115	30.078	40.9	44.4	41.5	35.2	47.8	25.2	8th	61.0	22nd	.208	.236		82	81	
March -	30.079 <sup>1</sup>	30.043 <sup>1</sup>	45.2	47.8 <sup>1</sup>	45.4	38.2	52.5	26.8	3rd	70.4	30th	.241	.238 <sup>1</sup>		81	72 <sup>1</sup>	
April -	29.888 <sup>1</sup>	29.852 <sup>1</sup>	54.3	58.0 <sup>1</sup>	53.4	44.4	62.4	36.6	13th	78.0	21st	.330 <sup>1</sup>	.337 <sup>1</sup>		78 <sup>1</sup>	70 <sup>1</sup>	
May -	.833	.804 <sup>1</sup>	60.6	64.1 <sup>1</sup>	60.2	51.2	69.2	39.0	5th	82.8	19th	.402	.416 <sup>1</sup>		77	70 <sup>1</sup>	
June -	.795 <sup>1</sup>	.778 <sup>1</sup>	70.9 <sup>1</sup>	76.4 <sup>1</sup>	70.4	59.9	88.9	55.0	19th	97.0	8th	.545 <sup>1</sup>	.568 <sup>1</sup>		72 <sup>1</sup>	62 <sup>1</sup>	
July -	.798 <sup>1</sup>	.776 <sup>1</sup>	78.8 <sup>1</sup>	83.9 <sup>1</sup>	76.8	65.1	88.4	58.0	1st	97.6	31st	.643 <sup>1</sup>	.646 <sup>1</sup>		65 <sup>1</sup>	55 <sup>1</sup>	
August -	.829	.800	79.6	84.0	77.8	66.2	89.3	54.2	30th	97.8	18th	.642	.630		63	54	
September -	.923 <sup>1</sup>	.895 <sup>1</sup>	69.6 <sup>1</sup>	73.4 <sup>1</sup>	68.3	58.2	78.3	50.0	16th	85.4	7th	.522 <sup>1</sup>	.520 <sup>1</sup>		73 <sup>1</sup>	63 <sup>1</sup>	
October -	.952	.935	61.5	63.0	61.1	54.5	67.7	44.2	19th	82.8	4th	.442	.446		81	78	
November -	29.932	29.902	57.3	60.0	57.3	50.2	64.4	41.0	7th	72.6	18th	.371	.379		79	73	
December -	30.026 <sup>1</sup>	30.004 <sup>1</sup>	42.8 <sup>1</sup>	44.8 <sup>1</sup>	43.5	38.0	48.9	29.0	13th	70.6	5th	.225 <sup>1</sup>	.230 <sup>1</sup>		82 <sup>1</sup>	78 <sup>1</sup>	
Year -	29.927	29.900	59.0	62.4	58.5	50.1	66.8	—	—	—	—	.402	.410		76.3	69.7	

## SCUTARI (A.M.D.).

1872.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.998	29.963	44.6	48.1	45.9	40.4	51.4	31.0	6th	65.0	10th	.248	.254		84	76	
February -	30.144	30.118	40.6	43.2	41.4	35.7	47.0	28.4	2nd	57.8	18th	.209	.217		83	78	
March -	29.981 <sup>1</sup>	29.933 <sup>1</sup>	48.1 <sup>1</sup>	53.7 <sup>1</sup>	48.5	40.1	56.9	30.4	6th	73.0	25th	.262 <sup>1</sup>	.270 <sup>1</sup>		78 <sup>1</sup>	65 <sup>1</sup>	
April -	.823 <sup>1</sup>	.786 <sup>1</sup>	58.8 <sup>1</sup>	63.2 <sup>1</sup>	57.5	47.8	67.2	39.8	9th	82.4	21st	.375 <sup>1</sup>	.380 <sup>1</sup>		76 <sup>1</sup>	65 <sup>1</sup>	
May -	.881	.843	68.1	72.5	66.1	54.5	77.6	42.4	2nd	89.8	21st	.481	.477		70	59	
June -	.843 <sup>3</sup>	.816 <sup>3</sup>	71.2 <sup>3</sup>	76.6 <sup>3</sup>	70.2	59.1	81.2	52.4	18th	90.6	4th	.518 <sup>3</sup>	.503 <sup>3</sup>		68 <sup>3</sup>	56 <sup>3</sup>	
July -	.797 <sup>1</sup>	.773 <sup>1</sup>	77.3 <sup>1</sup>	81.8 <sup>1</sup>	74.8	63.0	86.5	58.0	9th	93.6	31st	.598 <sup>1</sup>	.584 <sup>1</sup>		64 <sup>1</sup>	53 <sup>1</sup>	
August -	.772 <sup>1</sup>	.759 <sup>1</sup>	75.5 <sup>1</sup>	79.5 <sup>1</sup>	73.9	64.0	83.8	57.4	18th	94.4	3rd	.623 <sup>1</sup>	.603 <sup>1</sup>		70 <sup>1</sup>	59 <sup>1</sup>	
September -	29.923	.883	72.7	77.4	71.1	60.3	81.8	55.2	30th	94.6	27th	.565	.560		71	60	
October -	30.004 <sup>1</sup>	.982 <sup>1</sup>	67.4 <sup>1</sup>	71.5 <sup>1</sup>	66.1	55.2	76.9	49.6	5th	86.4	25th	.475 <sup>1</sup>	.471 <sup>1</sup>		71 <sup>1</sup>	61 <sup>1</sup>	
November -	.009 <sup>1</sup>	29.979 <sup>1</sup>	59.8 <sup>1</sup>	64.5 <sup>1</sup>	59.6	52.4	66.8	45.8	23rd	77.8	2nd	.435 <sup>1</sup>	.427 <sup>1</sup>		85 <sup>1</sup>	71 <sup>1</sup>	
December -	30.050 <sup>2</sup>	30.017 <sup>2</sup>	52.5 <sup>2</sup>	54.8 <sup>2</sup>	51.7	45.3	58.0	34.4	24, 31	67.6	13th	.304 <sup>2</sup>	.321 <sup>2</sup>		77 <sup>2</sup>	75 <sup>2</sup>	
Year -	29.935	29.904	61.4	65.5	60.6	51.5	69.6	—	—	—	—	.424	.422		74.8	64.8	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

SCUTARI.

1869.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9. a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	6.9	7.3 <sup>4</sup>		ins.	ins.	2nd	20	11	1	0				6	14	6	0	0	2	2	0	1
February -	5.5	2.5 <sup>6</sup>		0.740	.380	3rd	10	0	1	0				5	3	1	2	7	7	1	0	2
March -	7.6	6.8 <sup>4</sup>		2.590	.490	5th	20	0	1	1				4	4	0	5	12	4	0	2	0
April -	6.2	5.0 <sup>6</sup>		0.590	.190	29th	9	0	0	0				7	5	4	1	7	3	0	2	1
May -	3.9	2.6 <sup>3</sup>		0.350	.130	19th	6	0	0	1				5	7	2	0	4	6	3	1	3
June -	3.3	3.4		0.670	.250	30th	6	0	0	6				9	3	2	0	6	6	1	0	3
July -	3.5	2.6 <sup>6</sup>		0.790	.660	23rd	3	0	0	3				6	9	3	0	3	8	1	1	0
August -	3.2	1.7 <sup>4</sup>		1.990	1.350	25th	5	0	0	4				6	9	5	1	4	5	1	0	0
September -	4.4	4.2 <sup>2</sup>		1.570	.580	4th	9	0	0	0				6	10	3	0	7	2	0	2	0
October -	4.7	3.6 <sup>2</sup>		3.370	2.070	7th	7	0	0	0				6	4	5	1	6	4	1	0	4
November -	6.3	5.4 <sup>6</sup>		4.300	1.060	4th	15	0	1	3				6	0	2	5	6	6	4	1	0
December -	5.8	5.8 <sup>3</sup>		2.260	.580	9th	12	3	1	0				1	11	3	8	2	3	2	1	0
Year -	5.1	4.2		21.310	—	—	122	14	5	18				67	79	36	23	64	56	16	10	14

NOTE.—The wind summary for 1869 includes only the morning observations.

SCUTARI.

1870.				ins.	ins.																	
January -	6.9	7.2 <sup>3</sup>		2.580	.500	24th	14	4	0	0				9	8	3	3	3	1	2	0	2
February -	7.5	6.6 <sup>2</sup>		2.730	.540	16th	17	9	0	0				5	7	5	0	6	3	1	0	1
March -	7.9	7.4 <sup>3</sup>		3.780	.880	21st	19	3	0	1				3	11	3	1	2	1	5	3	2
April -	6.4	5.8 <sup>4</sup>		3.420	.810	14th	14	3	4	0				7	7	4	0	3	7	1	0	1
May -	4.2	5.0 <sup>4</sup>		0.340	.230	13th	3	0	0	1				6	8	1	0	7	7	1	0	1
June -	3.2	2.7 <sup>1</sup>		1.590	.830	24th	5	0	0	2				4	4	4	0	5	10	3	0	0
July -	2.6	2.1 <sup>1</sup>		1.370	1.220	23rd	2	0	0	1				5	11	5	0	2	8	0	0	0
August -	3.5	2.7 <sup>1</sup>		1.070	.340	22nd	6	0	0	0				4	6	2	0	10	8	1	0	0
September -	5.9	5.3 <sup>2</sup>		2.580	.480	25th	16	0	0	0				7	10	5	0	0	4	2	2	0
October -	6.0	6.5 <sup>2</sup>		6.790	1.070	4th	15	0	0	1				5	3	8	1	4	7	2	0	1
November -	7.0	5.8 <sup>1</sup>		0.130	.070	15th	5	0	0	0				2	4	3	2	8	3	3	1	4
December -	6.7	6.8 <sup>1</sup>		3.660	1.510	18th	15	0	2	2				3	0	6	4	3	11	1	1	2
Year -	5.7	5.3		30.040	—	—	131	19	6	8				60	79	49	11	53	70	22	7	14

NOTE.—The wind summary for 1870 includes only the morning observations.

SCUTARI.

1871.				ins.	ins.																	
January -	7.3	8.1		4.100	.580	29th	21	3	1	0				19	6	9	5	12	6	0	0	5
February -	6.7	6.4		1.200	.450	8th	9	5	0	0				10	8	9	0	5	20	3	1	0
March -	7.3 <sup>1</sup>	7.2 <sup>1</sup>		2.090	.400	6th	17	8	5	0				9	28	0	1	4	16	1	2	1
April -	6.9 <sup>1</sup>	5.1 <sup>1</sup>		0.640	.280	12th	9	0	0	1				9	18	4	0	11	10	2	1	5
May -	6.5	6.7 <sup>1</sup>		3.770	1.260	28th	15	0	0	5				5	18	3	0	9	19	3	3	2
June -	3.7 <sup>1</sup>	3.6 <sup>1</sup>		0.990	.470	16th	10	0	0	5				5	12	0	0	14	24	3	2	0
July -	3.0 <sup>1</sup>	2.1 <sup>1</sup>		0.050	.020	15, 16	3	0	0	2				9	39	3	0	1	7	3	0	0
August -	4.1	3.0		3.000	1.570	29th	7	0	0	6				10	28	11	0	3	8	2	0	0
September -	4.3 <sup>1</sup>	4.0 <sup>1</sup>		4.270	2.320	14th	6	0	0	3				7	19	3	0	7	17	6	1	0
October -	7.3	7.6		1.310	.420	11th	17	0	0	0				16	25	9	0	4	5	0	2	1
November -	6.9	7.0		1.910	.500	4th	10	0	0	0				6	11	3	5	10	10	4	1	10
December -	8.1 <sup>1</sup>	7.8		5.190	1.300	10th	18	7	2	1				12	22	8	2	4	9	2	0	3
Year -	6.0	5.7		28.520	—	—	142	23	8	23				117	234	62	13	84	151	29	13	27

SCUTARI.

1872.				ins.	ins.																	
January -	7.3	7.3		1.480	.320	11th	12	0	0	0				9	16	10	2	13	6	0	0	6
February -	8.1	7.8		4.060	1.820	27th	18	4	1	0				5	35	9	0	0	8	0	0	1
March -	6.3	5.1 <sup>1</sup>		0.620	.470	20th	7	0	0	1				8	24	5	1	9	8	2	1	4
April -	5.5 <sup>1</sup>	5.5 <sup>1</sup>		1.090	.330	12th	10	0	0	0				5	21	0	1	6	17	4	0	6
May -	3.4	2.9		1.260	.630	28th	4	0	0	6				2	24	2	0	10	19	5	0	0
June -	4.6 <sup>3</sup>	4.0 <sup>3</sup>		1.590	.550	22nd	7	0	0	3				6	8	0	0	6	34	3	1	2
July -	2.6 <sup>4</sup>	2.7 <sup>4</sup>		1.570	1.260	22nd	5	0	0	2				9	31	4	1	1	11	1	4	0
August -	4.9 <sup>1</sup>	3.8 <sup>1</sup>		4.320	1.760	11th	10	0	0	6				11	25	6	3	3	8	2	4	0
September -	3.5	2.6		1.000	.590	3rd	5	0	0	3				5	24	5	0	1	17	4	1	3
October -	5.8 <sup>1</sup>	5.2 <sup>1</sup>		0.240	.170	3rd	3	0	0	1				1	26	6	6	5	13	3	0	2
November -	6.0 <sup>1</sup>	5.0 <sup>1</sup>		2.400	.940	5th	10	0	0	1				6	17	8	3	4	15	2	1	4
December -	6.2 <sup>2</sup>	6.7 <sup>2</sup>		3.580	.550	18, 21	16	1	0	0				7	15	9	5	6	11	5	0	4
Year -	5.4	4.9		23.210	—	—	107	5	1	23				74	266	64	22	64	167	31	12	32

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## SCUTARI (A.M.D.).

Long. 29° 3' E. Lat. 41° 0' N. Height above Mean Sea Level, 60 feet.

1873.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	30.073	30.038	47.8	52.3	48.1	41.2	54.9	34.4	1st	63.2	26th	.279	.293		84	74	
February -	30.027	30.005	45.4	48.1	46.0	39.5	52.5	25.4	17th	65.4	28th	.251	.256		84	76	
March -	29.902	29.871	48.5	53.3	49.4	41.3	57.4	34.4	9th	69.0	1st	.280	.296		82	72	
April -	.852	.818	58.2	63.6	57.4	46.6	68.2	36.0	1st	80.8	26th	.348	.355		72	61	
May -	.827	.810	66.7	70.6	64.8	53.7	75.8	40.2	1st	89.2	21st	.472	.478		72	64	
June -	.860	.836	68.2	73.8	67.8	57.0	78.5	46.2	10th	86.2	26th	.501	.497		73	59	
July -	.850	.828	77.9	84.0	76.0	63.0	88.9	58.4	19th	94.6	31st	.597	.564		62	48	
August -	.892	.868	80.4	84.0	77.1	64.8	89.4	57.8	16th	95.4	9th	.581	.545		56	46	
September -	29.938 <sup>3</sup>	.919 <sup>3</sup>	68.9	72.6	67.4	57.5	77.2	50.6	21st	94.4	8th	.486	.482 <sup>3</sup>		69	60 <sup>3</sup>	
October -	30.026	.991 <sup>1</sup>	65.8	69.0	64.3	55.2	73.4	50.8	13, 29	79.4	7th, 8th	.480	.489 <sup>1</sup>		76	69 <sup>1</sup>	
November -	29.986	29.954 <sup>1</sup>	53.4	58.1 <sup>1</sup>	54.1	46.3	61.8	36.0	21st	78.2	5th	.337	.356 <sup>1</sup>		83	73 <sup>1</sup>	
December -	30.109	30.077 <sup>2</sup>	45.0	48.0 <sup>2</sup>	44.8	38.4	51.2	29.8	14th	65.8	1st	.245	.251 <sup>2</sup>		82	75 <sup>2</sup>	
Year -	29.945	29.918	60.5	64.8	59.8	50.4	69.1	—	—	—	—	.405	.405		74.6	64.8	

## SCUTARI (A.M.D.).

1874.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	30.125	30.090	39.6	43.5	40.6	34.8	46.3	25.8	31st	56.2	21st	.208	.223		85	78	
February -	.027	.004 <sup>1</sup>	38.4	42.5 <sup>1</sup>	39.3	32.6	46.0	15.6	6th	62.0	20th	.190	.202 <sup>1</sup>		83	74 <sup>1</sup>	
March -	30.052	30.014 <sup>1</sup>	39.3	43.3 <sup>1</sup>	40.3	33.6	47.0	17.0	6th	64.6	13th	.194	.203 <sup>1</sup>		81	73 <sup>1</sup>	
April -	29.922	29.880 <sup>2</sup>	56.1	60.8 <sup>2</sup>	55.4	45.2	65.6	33.6	5th	79.8	13th	.323	.329 <sup>2</sup>		71	62 <sup>2</sup>	
May -	.794	.775	62.4	66.0	61.7	52.4	71.0	43.0	1st	88.0	8th	.397	.398		71	63	
June -	.925 <sup>1</sup>	.890 <sup>1</sup>	70.8	75.9 <sup>1</sup>	69.7	58.6	80.8	51.8	12th	93.4	30th	.540	.553 <sup>1</sup>		72	62 <sup>1</sup>	
July -	.861	.836	76.5 <sup>3</sup>	81.6 <sup>3</sup>	74.5 <sup>3</sup>	62.6 <sup>3</sup>	86.4 <sup>3</sup>	59.0	8th, 21st	93.6	23rd	.587 <sup>3</sup>	.557 <sup>3</sup>		65 <sup>3</sup>	52 <sup>3</sup>	
August -	29.820	.786 <sup>1</sup>	78.8	83.5 <sup>1</sup>	76.8	65.0	88.5	57.6	25th	93.0	7th	.571	.557 <sup>1</sup>		58	48 <sup>1</sup>	
September -	30.016	29.984 <sup>1</sup>	73.3	77.9 <sup>1</sup>	71.1	59.1	83.0	55.6	19th	89.8	14th	.502	.491 <sup>1</sup>		61	51 <sup>1</sup>	
October -	30.045	30.021	64.9	68.5	63.6	54.9	72.3	46.0	21st	83.0	6th	.440	.424		72	60	
November -	29.871	29.838	55.4	58.2	54.8	48.9	60.7	38.0	19th	75.0	14th	.341	.360		78	74	
December -	29.870	29.832 <sup>1</sup>	53.6	56.2 <sup>1</sup>	53.9	48.2	59.6	42.0	8th, 9th	68.4	16th	.325	.340 <sup>1</sup>		78	75 <sup>1</sup>	
Year -	29.944	29.913	59.1	63.2	58.5	49.7	67.3	—	—	—	—	.385	.386		72.9	64.3	

## SCUTARI (A.M.D.).

1875.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	30.063	30.043	41.0	43.0	40.9	36.0	45.8	25.4	8th	56.2	22nd	.216	.221		83	79	
February -	29.870	29.841	39.6	43.4	41.2	35.6	46.8	26.2	15th	60.0	11th	.208	.222		85	77	
March -	.960	.933	39.7	42.1	40.5	34.6	46.4	26.2	17th	57.0	30th	.208	.218		83	81	
April -	.937	.902 <sup>1</sup>	52.0	55.1 <sup>1</sup>	52.0	43.1	60.8	32.4	2nd	72.2	7th	.302	.310 <sup>1</sup>		76	70 <sup>1</sup>	
May -	.954	.918	61.6	66.6	61.3	50.6	71.9	41.8	8th	82.4	30th	.424	.423		77	64	
June -	.873	.842	76.4	82.4	74.8	62.0	87.6	54.4	6th	96.6	24th	.580	.558		63	50	
July -	.798	.777	76.9	83.3	76.6	64.6	88.6	59.6	7th, 9th	94.4	18th	.663	.640		71	55	
August -	.889	.868	75.5	80.8	74.3	63.1	85.5	58.4	29th	95.2	6th	.576	.587		64	55	
September -	.978	.954	64.9	69.5	64.0	53.5	74.5	39.4	26th	90.4	1st	.456	.452		73	60	
October -	.892	.863	63.2	66.3	62.2	53.1	71.3	41.2	27th	85.8	16th	.438	.456		75	70	
November -	.875	.846	53.1	55.9	53.1	46.0	60.1	36.0	14th	69.4	23rd	.330	.348		81	77	
December -	29.995	29.971 <sup>1</sup>	41.1	44.7 <sup>1</sup>	41.9	36.2	47.6	23.6	31st	66.4	4th	.220	.236 <sup>1</sup>		82	77 <sup>1</sup>	
Year -	29.924	29.897	57.1	61.1	56.9	48.2	65.6	—	—	—	—	.385	.389		76.1	67.9	

## SCUTARI (A.M.D.).

1876.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	30.272 <sup>1</sup>	30.244 <sup>1</sup>	37.8	41.7 <sup>1</sup>	39.0	33.1	44.8	23.0	1st	62.0	6th	.191	.204 <sup>1</sup>		84	77 <sup>1</sup>	
February -	29.982	29.940	43.9	48.1	44.6	37.6	51.6	29.2	22nd	62.4	7th	.234	.250		80	73	
March -	.801	.765	50.6	55.9	51.3	42.6	59.9	32.6	9th	75.4	20th	.295	.305		79	66	
April -	.910	.879 <sup>1</sup>	54.2	59.3 <sup>1</sup>	54.1	43.6	64.5	33.0	9th	76.4	18th	.335	.347 <sup>1</sup>		78	68 <sup>1</sup>	
May -	.867	.833 <sup>2</sup>	63.6	69.6 <sup>2</sup>	63.6	51.4	75.8	40.3	22nd	88.2	27th	.436	.459 <sup>2</sup>		73	62 <sup>2</sup>	
June -	.775	.750 <sup>1</sup>	71.6	76.5 <sup>1</sup>	71.6	60.8	82.4	54.8	4th	92.2	27, 28	.564	.568 <sup>1</sup>		73	62 <sup>1</sup>	
July -	.779	.764	77.2	82.1	75.6	64.0	87.2	57.8	1st, 2nd	94.2	29th	.602	.590		64	54	
August -	.801	.780 <sup>1</sup>	76.4	82.6 <sup>1</sup>	75.6	63.7	87.4	54.7	21st	94.5	3rd	.628	.616 <sup>1</sup>		68	54 <sup>1</sup>	
September -	.869	.827	73.4	79.2	72.8	60.9	84.7	48.7	23rd	98.0	15th	.527	.540		62	52	
October -	.984	.943 <sup>1</sup>	63.1	66.2 <sup>1</sup>	63.0	54.4	71.5	45.3	3rd	80.5	1st	.447	.454 <sup>1</sup>		76	70 <sup>1</sup>	
November -	.893 <sup>1</sup>	.878 <sup>1</sup>	48.2	49.9 <sup>1</sup>	49.0	42.5	55.5	29.0	12th	75.5	2nd	.291	.292 <sup>1</sup>		84	80 <sup>1</sup>	
December -	29.868	29.842	50.3	52.8	51.1	45.0	57.1	30.8	27, 28	64.4	9th	.315	.330		85	80	
Year -	29.900	29.870	59.2	63.7	59.3	50.0	68.5	—	—	—	—	.405	.413		75.5	66.5	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 7 feet above ground. Rain-gauge, on or near the ground.

SCUTARI.

1873.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	5.6	6.0		ins. 1.690	ins. .660	24th	9	0	0	0				1	24	5	0	3	20	2	2	5
February -	7.3	7.1		2.380	.990	14th	15	6	1	0				9	19	8	1	5	11	0	1	2
March -	7.3	6.4		1.130	.290	27th	10	0	0	1				9	25	11	1	1	9	4	1	1
April -	4.5	4.5		1.170	.510	30th	6	0	0	2				5	13	3	0	8	22	3	3	3
May -	4.6	5.1		1.500	.320	1st	14	0	0	5				10	15	0	0	13	19	2	1	2
June -	5.2	4.2		1.510	.880	9th	10	0	0	4				14	15	1	0	6	18	3	1	2
July -	3.2	2.2		1.280	.700	22nd	3	0	0	1				9	34	3	0	6	9	0	1	0
August -	2.9	2.1 <sup>1</sup>		1.360	.760	31st	2	0	0	2				3	41	12	0	3	3	0	0	0
September -	4.8	4.1 <sup>3</sup>		4.040	1.870	18th	7	0	0	2				14	23	2	1	3	12	3	2	0
October -	5.1	4.2 <sup>1</sup>		0.130	.080	25th	4	0	0	1				3	30	8	2	3	12	1	0	3
November -	7.0	6.1 <sup>1</sup>		4.200	1.940	29th	7	0	0	0				12	15	3	3	8	8	4	2	5
December -	6.4	6.2 <sup>2</sup>		3.880	1.360	7th	13	3	2	0				14	21	5	4	2	13	1	1	1
Year -	5.3	4.9		24.270	—	—	100	9	3	12				103	275	61	12	61	156	23	15	24

SCUTARI.

1874.				ins.	ins.																	
January -	5.6	6.5		2.420	.480	30th	15	7	0	0				12	22	9	2	2	8	3	2	2
February -	7.2	7.3 <sup>1</sup>		4.250	.880	3rd	18	14	3	0				8	20	7	4	8	5	3	1	0
March -	6.8	7.0 <sup>1</sup>		4.220	1.000	6th	16	10	2	0				16	12	3	7	8	11	2	1	2
April -	4.7	4.2 <sup>2</sup>		1.500	.920	29th	4	0	0	1				9	20	0	3	7	17	1	0	3
May -	5.0	5.2		1.630	.630	2nd	10	0	0	4				6	8	1	1	11	23	9	2	1
June -	3.1	3.1 <sup>1</sup>		0.750	.290	24th	4	0	0	3				10	23	2	1	5	17	2	0	0
July -	2.8	1.7		0.080	.080	4th	1	0	0	1				6	45	0	1	1	4	2	3	0
August -	3.1	1.6 <sup>1</sup>		0.000	.000	—	0	0	0	1				4	44	0	0	1	11	1	1	0
September -	3.2	2.0 <sup>1</sup>		0.230	.120	19th	2	0	0	0				6	47	1	0	1	3	1	0	1
October -	5.7	5.3		1.500	.500	25th	10	0	0	0				13	31	0	3	6	9	0	0	0
November -	7.6	6.8		3.750	.670	18, 21	19	0	0	2				9	13	6	3	11	11	3	2	2
December -	6.5	5.7 <sup>1</sup>		4.440	1.060	8th	15	0	0	2				1	8	2	17	5	26	0	2	1
Year -	5.1	4.7		24.770	—	—	114	31	5	14				100	293	31	42	66	145	27	14	12

SCUTARI.

1875.				ins.	ins.																	
January -	8.3	7.5		6.170	1.920	23rd	21	11	1	0				6	19	0	4	2	24	1	6	0
February -	9.1	8.4		3.530	.580	6th	21	8	3	0				4	33	4	4	0	6	0	3	2
March -	8.0	8.4		6.120	2.200	22nd	20	13	0	0				7	37	2	1	1	8	2	2	2
April -	6.2	6.0 <sup>1</sup>		1.740	.770	15th	15	1	0	1				9	20	2	1	3	23	1	0	1
May -	4.4	2.5		0.380	.180	2nd	6	0	0	1				5	31	0	1	3	21	1	0	0
June -	3.4	2.5		0.690	.690	30th	1	0	0	3				1	46	0	0	2	11	0	0	0
July -	4.6	3.7		4.220	1.400	28th	10	0	0	7				4	32	1	0	7	14	3	1	0
August -	4.1	2.7		1.100	.410	19th	7	0	0	5				3	41	1	0	4	12	0	0	1
September -	5.0	4.8		3.610	0.950	4th	12	0	0	1				6	23	1	2	7	13	0	7	1
October -	4.9	5.5		3.990	1.050	26th	13	0	0	4				5	14	3	8	4	21	1	2	4
November -	6.0	6.6		3.410	.580	3rd	17	0	1	2				1	15	6	10	4	14	3	5	2
December -	7.4	7.8 <sup>1</sup>		7.780	1.530	6th	20	9	2	1				11	14	8	3	3	15	5	2	1
Year -	6.0	5.5		42.740	—	—	163	42	7	25				62	325	28	34	40	182	17	28	14

SCUTARI.

1876.				ins.	ins.																	
January -	7.3	6.2 <sup>1</sup>		1.360	.400	6th	18	6	0	0				12	15	15	4	5	6	1	2	2
February -	7.7	6.1		1.450	.560	9th	11	0	0	2				7	11	8	4	16	9	2	0	1
March -	7.0	5.8		2.720	.850	8th	12	1	0	0				13	10	5	3	15	14	0	0	2
April -	6.4	4.4 <sup>1</sup>		0.580	.270	6th	7	0	0	1				3	35	1	1	2	9	3	0	6
May -	5.1	3.8 <sup>2</sup>		1.830	.780	30th	7	0	0	4				7	25	2	0	6	16	5	0	1
June -	3.6	4.1 <sup>1</sup>		0.940	.370	16th	8	0	0	7				3	10	1	0	24	18	3	0	1
July -	4.5	2.7		3.700	3.100	5th	3	0	0	5				9	35	7	0	3	6	1	1	0
August -	4.4	3.2 <sup>1</sup>		3.730	1.480	11th	6	0	0	4				9	32	7	0	8	4	1	0	1
September -	3.5	3.0		1.430	.870	26th	5	0	0	0				8	19	4	0	10	9	2	4	4
October -	6.4	5.6 <sup>1</sup>		1.500	.380	15th	10	0	0	1				4	33	12	1	2	4	0	1	5
November -	8.1	7.6 <sup>1</sup>		5.860	1.210	6th	20	2	1	0				18	12	6	7	4	3	5	4	1
December -	7.4	7.3		5.080	1.370	27th	15	3	0	0				6	7	5	3	5	23	7	0	6
Year -	6.0	5.0		30.180	—	—	122	12	1	24				99	244	73	23	100	121	30	12	30

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## SCUTARI (A.M.D.).

Long. 29° 3' E. Lat. 41° 0' N. Height above Mean Sea Level, 60 feet.

1877.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins.	ins.										in.	in.	in.	%	%	%	
February -	30°017	29°981 <sup>1</sup>	44°5	46°6 <sup>1</sup>	45°3	40°4	50°2	29°5	28th	62°7	7th	250	269 <sup>1</sup>		85	84 <sup>1</sup>		
March -	29°863	839	41°9	45°9	43°7	37°1	50°3	26°6	16th	58°7	26th	227	249		85	79		
April -	827	800	48°9	52°9	49°9	41°6	58°2	28°0	3rd	79°4	23rd	260	269		73	64		
May -	737 <sup>1</sup>	707 <sup>3</sup>	55°1 <sup>1</sup>	59°4 <sup>3</sup>	55°8	46°2	65°4	40°0	30th	76°4	19th	355 <sup>1</sup>	368 <sup>3</sup>		81 <sup>1</sup>	72 <sup>3</sup>		
June -	798	778	61°5	67°3	62°3	50°8	73°8	43°7	4th	82°0	13, 16	428	448		78	67		
July -	913	890 <sup>1</sup>	70°8	75°2 <sup>1</sup>	69°4	58°2	80°6	49°5	18th	87°6	10th	530	541 <sup>1</sup>		70	61 <sup>1</sup>		
August -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		
September -	849	830	76°0	82°0	76°1	64°7	87°4	59°2	16th	93°6	22nd	634	618		71	55		
October -	890	858 <sup>2</sup>	70°9	76°1 <sup>2</sup>	71°4	60°9	81°9	51°7	29th	96°0	5th	548	549 <sup>2</sup>		71	60 <sup>2</sup>		
November -	943	915	61°4	64°2	61°9	54°2	69°6	45°0	14th	81°2	10th	440	448		80	73		
December -	959	932	52°4	55°6	53°5	46°3	60°7	38°4	19th	66°8	13th	326	339		82	76		
Year -	29°943	29°914	45°7	48°2	46°5	40°7	52°3	28°0	31st	65°2	1st	276	283		88	82		
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		

## SCUTARI (A.M.D.).

1878.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29°985	29°963	39°8	42°7	40°9	35°0	46°8	25°3	20th	59°2	26th	208	212		84	77	
February -	30°107	30°081	40°9	44°6	41°1	33°4	48°8	23°8	15th	58°2	26th	217	235		85	78	
March -	29°861	29°828	45°8	49°2	46°7	39°2	54°1	27°8	1st	70°4	31st	239	255		76	71	
April -	804	777 <sup>1</sup>	55°9	60°5 <sup>1</sup>	55°4	45°0	65°8	36°8	5th, 6th	78°4	1st	338	346 <sup>1</sup>		75	64 <sup>1</sup>	
May -	870	849	64°8	69°0	62°9	51°3	74°4	36°8	6th	86°2	24th	419	441		69	60	
June -	804	785 <sup>1</sup>	72°2	77°5 <sup>1</sup>	71°0	59°6	82°3	50°7	3rd	90°6	16th	571	578 <sup>1</sup>		71	60 <sup>1</sup>	
July -	759	737	77°7	83°3	76°3	62°9	89°6	56°0	21st	97°8	11th	570	587		59	51	
August -	776	743 <sup>1</sup>	76°6	82°0 <sup>1</sup>	75°1	62°1	88°0	55°0	8th	94°6	25th	598	628 <sup>1</sup>		65	57 <sup>1</sup>	
September -	29°846	825 <sup>1</sup>	73°9	77°0 <sup>1</sup>	72°5	60°4	84°5	49°7	30th	100°4	1st	537	532 <sup>1</sup>		63	57 <sup>1</sup>	
October -	30°001	967 <sup>1</sup>	64°3	68°8 <sup>1</sup>	63°9	52°3	75°4	46°3	4th	80°0	2nd	459	474 <sup>1</sup>		76	67 <sup>1</sup>	
November -	29°995	967	59°2	62°6	59°4	49°7	69°1	37°8	10th	78°6	6th	396	422		77	73	
December -	29°830	29°791 <sup>1</sup>	50°5	53°4 <sup>1</sup>	51°1	44°0	58°1	28°5	26th	69°4	12th	300	320 <sup>1</sup>		79	75 <sup>1</sup>	
Year -	29°887	29°859	60°1	64°2	59°7	49°6	69°7	—	—	—	—	404	419		73°3	65°8	

## SCUTARI (A.M.D.).

1879.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	30°003	29°986	42°9	46°3	43°2 <sup>1</sup>	35°9 <sup>1</sup>	50°4 <sup>1</sup>	27°3	21, 22	63°0	5th	232	245		83	76	
February -	29°837	800	49°7	53°6	50°9	42°9	58°9	33°0	1st	73°2	25th	272	297		75	71	
March -	883	848	47°0	50°5	47°4	39°5	55°2	29°2	15th	68°2	25th	268	282		83	76	
April -	796	752	58°9	66°1	59°8	49°0	70°6	32°3	1st	86°6	12th	375	398		74	62	
May -	839	820	66°5	71°3	65°3	53°1	77°4	44°0	7th	86°2	28, 30	474	492		72	63	
June -	835	809	77°1	81°9	74°1	59°9	88°3	54°8	6th	93°6	24th	534	524		58	47	
July -	769	737	80°9	87°2	78°6	63°5	93°6	58°4	8th	102°4	6th	558	544		52	42	
August -	827	808	79°8	85°8	77°7	63°0	92°4	59°2	15th	98°2	10th	539	517		53	41	
September -	892	865 <sup>1</sup>	73°7	77°9 <sup>1</sup>	72°9	60°9	84°9	50°2	26th	92°8	7th	548	522 <sup>1</sup>		64	55 <sup>1</sup>	
October -	921	895	63°1	65°2	62°1	53°5	70°7	44°0	31st	81°5	2nd, 3rd	439	452		75	72	
November -	29°944	29°923 <sup>1</sup>	51°6	53°5 <sup>1</sup>	51°9	44°1	59°7	33°2	6th	70°2	3rd	310	313 <sup>1</sup>		79	75 <sup>1</sup>	
December -	30°085	30°063	40°6	42°7	41°4	35°4	47°4	19°0	29th	67°2	1st	216	223		84	79	
Year -	29°886	29°859	61°0	65°2	60°5	50°1	70°8	—	—	—	—	397	401		71°0	63°3	

## SCUTARI (A.M.D.).

1880.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30°184	30°160	32°5	35°9	33°2	26°5	39°8	16°6	24th	53°2	1st	151	163		80	79	
February -	082	045	39°9	44°1	40°7	33°9	47°5	26°0	20th	59°4	24th	201	213		81	72	
March -	30°040	30°008	40°6	43°9	39°9	31°9	47°9	16°5	14th	63°6	30th	206	214		81	73	
April -	29°875	29°840	50°6	55°6	50°3	40°9	59°7	29°7	14th	77°5	29th	290	302		78	68	
May -	813	782	61°4	66°1	60°9	50°4	71°4	40°0	7th	82°5	20th	421	442		77	69	
June -	794	777	74°3	78°8	72°0	59°9	84°0	53°5	2nd	93°6	15th	585	597		69	60	
July -	815	792 <sup>1</sup>	79°8	85°3 <sup>1</sup>	77°1	64°4	89°8	57°8	29th	98°8	22nd	660	633 <sup>1</sup>		64	52 <sup>1</sup>	
August -	769	741	78°0	84°9	76°3	62°9	89°6	53°2	31st	103°4	2nd	604	571		62	47	
September -	914	892	69°2	74°8	67°8	55°9	79°7	48°2	23rd	88°0	17th	494	495		67	57	
October -	29°947	29°905	64°8	68°6	64°1	54°4	73°8	42°8	26th	80°6	11, 15	467	479		77	68	
November -	30°079	30°051 <sup>1</sup>	54°9	58°0 <sup>1</sup>	55°2	48°0	62°4	37°6	30th	70°6	19, 20	365	364 <sup>1</sup>		84	76 <sup>1</sup>	
December -	30°016	29°987	44°0	47°9	44°5	37°3	51°7	21°6	8th	61°4	18th	242	255		82	75	
Year -	29°944	29°915	57°5	62°0	56°8	47°2	66°4	—	—	—	—	391	394		75°2	66°3	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, 6 inches above the ground.

SCUTARI.

1877.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	8.1	8.1 <sup>1</sup>		3.630	.820	13th	18	4	2	0				6	30	7	4	7	7	0	0	1	
February -	7.0	7.1		3.060	.640	23rd	17	6	3	0				8	15	4	1	9	11	4	0	4	
March -	5.2	6.1		2.890	.640	2nd	13	3	1	0				10	6	5	2	15	9	13	1	1	
April -	6.3 <sup>1</sup>	6.5 <sup>3</sup>		2.090	.800	25th	15	0	1	2				9	18	1	1	12	12	2	0	5	
May -	5.6	5.1		3.430	1.170	9th	15	0	1	4				9	14	1	0	13	11	7	0	7	
June -	4.3	3.2 <sup>1</sup>		3.080	1.900	16th	6	0	0	1				9	36	0	0	5	9	0	1	0	
July -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	
August -	5.5	3.7		0.880	.510	14th	7	0	0	4				9	31	5	1	8	7	0	0	1	
September -	4.5	4.9 <sup>2</sup>		4.160	1.260	18th	7	0	0	3				12	13	2	0	11	19	0	0	3	
October -	7.2	6.8		3.690	.960	8th	20	0	0	3				6	28	11	1	6	5	0	0	5	
November -	7.1	6.6		7.000	2.560	3rd	14	0	0	0				10	22	2	5	6	3	3	2	7	
December -	7.9	8.2		3.440	.460	8th	20	4	1	1				26	15	5	5	2	4	0	1	4	
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	

SCUTARI.

1878.				ins.	ins.																	
January -	8.2	7.9		4.320	.860	25th	21	8	0	0				11	17	9	4	7	6	5	2	1
February -	7.1	5.4		1.830	.480	12th	11	6	0	0				11	9	4	1	6	14	3	0	8
March -	6.8	6.9		4.380	1.120	9th	21	2	3	1				10	8	2	1	14	13	11	1	2
April -	6.6	5.4 <sup>1</sup>		4.380	1.240	23rd	15	0	0	1				9	14	3	4	13	6	0	2	9
May -	3.3	3.5		0.550	.360	3rd	5	0	0	0				13	17	3	0	14	8	1	0	6
June -	4.8	3.7 <sup>1</sup>		2.610	1.110	8th	8	0	0	4				16	18	1	0	11	9	2	1	2
July -	2.3	2.4		0.720	.670	5th	4	0	0	2				9	20	5	0	6	17	1	1	3
August -	4.5	3.0 <sup>1</sup>		1.760	1.350	1st	5	0	0	1				5	34	4	0	2	12	2	1	2
September -	4.6	4.4 <sup>1</sup>		2.420	1.250	17th	8	0	0	2				10	25	8	1	5	5	1	0	5
October -	3.9	3.9 <sup>1</sup>		0.800	.640	7th	4	0	0	0				11	16	7	4	3	12	1	2	6
November -	6.0	5.6		1.460	.570	10th	9	0	0	3				5	4	13	2	9	13	2	0	12
December -	8.0	7.5 <sup>1</sup>		9.320	1.100	16th	25	2	1	1				10	5	10	0	19	12	2	3	1
Year -	5.5	5.0		34.550	—	—	136	18	4	15				120	187	69	17	109	127	31	13	57

SCUTARI.

1879.				ins.	ins.																	
January -	6.7	6.8		2.950	.610	20th	18	3	1	0				7	22	11	1	9	5	2	2	3
February -	7.3	6.7		2.220	1.090	18th	10	0	2	1				6	5	5	5	17	12	4	0	2
March -	7.0	6.9		4.330	.630	25th	20	3	1	0				19	11	11	2	5	11	2	0	1
April -	5.3	5.1		0.810	.180	4th	10	0	0	1				4	3	4	4	16	16	10	0	3
May -	5.2	4.6		1.720	.920	1st	10	0	0	3				6	13	1	0	11	24	2	0	5
June -	1.9	1.9		0.000	.000	—	0	0	0	3				8	19	8	0	3	22	0	0	0
July -	2.1	1.1		0.000	.000	—	0	0	0	0				12	29	7	0	0	11	1	0	2
August -	3.2	1.9		0.000	.000	—	0	0	0	0				19	24	8	0	1	8	0	1	1
September -	5.1	3.7 <sup>1</sup>		3.290	1.300	25th	11	0	0	0				16	22	6	2	0	11	0	2	1
October -	6.3	5.6		5.080	1.580	9th	16	0	0	1				11	19	6	2	5	15	1	1	2
November -	6.6	7.1 <sup>1</sup>		6.370	2.050	4th	18	0	1	2				6	19	8	3	6	12	3	0	3
December -	7.6	8.3		4.640	.790	7th	24	10	3	2				14	24	2	2	3	11	0	5	1
Year -	5.4	5.0		31.410	—	—	137	16	8	13				128	210	77	21	76	158	25	11	24

SCUTARI.

1880.				ins.	ins.																	
January -	6.0	6.6		3.510	.550	20th	16	17	1	0				15	15	7	5	1	10	2	4	3
February -	8.0	7.0		0.540	.400	29th	7	2	0	0				5	16	19	2	7	6	0	0	3
March -	5.7	5.9		2.680	.700	18th	20	13	0	0				8	16	2	0	11	15	2	3	5
April -	6.1	4.7		0.540	.380	5th	4	0	0	1				12	26	2	0	9	6	2	0	3
May -	6.9	3.3		1.910	.710	21st	11	0	0	4				15	17	1	1	13	10	5	0	0
June -	3.1	3.6		3.640	2.440	21st	7	0	0	5				7	13	2	0	7	19	1	1	10
July -	3.6	2.5 <sup>1</sup>		0.370	.330	17th	2	0	0	1				7	30	9	0	7	7	0	1	1
August -	2.8	2.6		1.730	.350	24th	11	0	0	8				6	15	4	0	10	14	3	2	8
September -	4.5	4.0		1.850	.460	29th	12	0	0	1				5	29	2	0	5	13	3	0	3
October -	5.2	4.8		2.810	.880	31st	6	0	0	2				5	10	4	0	9	26	1	0	7
November -	7.3	6.6 <sup>1</sup>		1.180	.330	27th	13	0	0	0				6	21	8	4	7	7	1	1	5
December -	6.0	6.1		1.570	.560	10th	9	5	1	1				10	11	5	2	8	14	2	0	10
Year -	5.4	4.8		22.330	—	—	118	37	2	23				101	219	65	14	94	147	22	12	58

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## SCUTARI (A.M.D.).

Long. 29° 3' E. Lat. 41° 0' N. Height above Mean Sea Level, 60 feet.

1881.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins.	ins.										in.	in.	in.	%	%	%	
February -	29.897	29.870	41.0	44.7	41.6	35.0	48.1	18.6	25th	60.2	16th	.230	.249		87	82		
March -	.899	.883	39.8	42.2	40.3	34.6	46.0	26.6	17th	56.0	7th, 12th	.216	.227		88	85		
April -	.906	.875	45.3	49.7	46.0	38.0	54.0	27.2	17th	74.0	28th	.246	.257		79	69		
May -	.830	.803	53.9	57.0	53.5	45.4	61.5	36.6	18th	82.3	24th	.314	.323		74	68		
June -	.852	.830	60.7	65.3	61.8	50.2	73.4	39.8	2nd	82.4	29th	.423	.431		79	69		
July -	.842	.817	70.9	76.9	69.5	56.5	82.4	46.8	1st	92.6	30th	.515	.536		67	58		
August -	.818	.800	75.5	82.9 <sup>1</sup>	74.9	62.5	87.3	58.2	13th	98.2	1st	.584	.571 <sup>1</sup>		65	50 <sup>1</sup>		
September	.836	.800	79.5	84.8	76.8	63.7	89.9	58.6	1st	102.0	25th	.591	.577		57	48		
October -	.876	.852	73.4	77.0	71.4	59.6	83.1	49.0	29th	90.4	13th	.515	.529		62	56		
November -	29.912	29.883 <sup>1</sup>	61.5	65.9 <sup>1</sup>	62.0	52.8	71.2	43.4	20th	80.0	17, 25	.387	.401 <sup>1</sup>		70	63 <sup>1</sup>		
December	30.127	30.099	50.1	52.8	49.7	42.3	57.0	34.4	22nd	83.4	2nd	.284	.291		78	72		
	30.108	30.080	43.3	46.3	43.3	37.4	49.2	28.0	5th	59.2	12th	.230	.240		80	75		
Year -	29.909	29.883	57.9	62.1	57.6	48.2	66.9	—	—	—	—	.378	.386		73.8	66.3		

## SCUTARI (A.M.D.).

1882.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.280	30.254	39.4	42.3	39.6	33.7	45.4	27.0	13th	53.8	7th	.208	.219	.208	85	81	
February -	.167	30.138	36.7	40.6	37.7	29.8	45.6	17.6	19th	59.0	27th	.168	.191	.168	78	74	
March -	30.032	29.991	48.3	54.0	48.4	38.6	58.1	31.2	10th	66.2	3rd	.249	.265	.249	73	62	
April -	29.821	.795	52.8	58.0	52.5	42.6	62.4	29.0	7th	77.0	26th	.290	.289	.290	71	58	
May -	.870	.847	62.0	69.5	62.2	49.7	74.6	39.6	13th	84.8	30th	.395	.393	.395	71	53	
June -	.880	.856	70.1	75.8	68.2	55.5	80.9	44.0	4th	94.4	12th	.477	.473	.477	65	53	
July -	.721	.694	79.3	87.6	79.1	65.2	92.9	56.4	6th	101.2	27th	.622	.590	.622	61	45	
August -	.785	.753	79.2	84.4	76.6	63.7	89.5	59.0	9th, 23rd	97.6	18th	.586	.583	.586	57	49	
September -	.894	.847	75.5	79.8	73.3	60.7	85.9	52.8	30th	92.2	28th	.505	.480	.505	56	47	
October -	.991	.970	58.9	62.9	58.8	49.5	68.0	41.6	25th	75.6	13th	.380	.377	.380	75	65	
November -	.919	.893	54.2	58.1	54.4	46.7	62.1	38.2	13th	68.4	17th	.330	.339	.330	77	69	
December -	29.939	29.909	48.7	51.4	48.6	42.3	54.9	30.4	3rd	63.8	2nd	.274	.290	.274	79	74	
Year -	29.942	29.912	58.8	63.7	58.3	48.2	68.4	—	—	—	—	.374	.374		70.7	60.8	

## SCUTARI (A.M.D.).

1883.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.033	29.999	39.2	42.1	39.3	33.3	45.2	20.0	7th	56.4	26th	.197	.209	.197	81	77	
February -	30.128	30.111	36.7	38.5	37.0	32.4	41.5	27.4	11, 12	53.2	4th	.184	.183	.184	84	79	
March -	29.762	29.737	44.3	48.3	44.6	37.5	51.7	27.6	14th	67.4	27th	.227	.240	.227	75	68	
April -	.808	.774	51.7	56.2	52.0	42.8	61.1	33.0	4th	80.0	29th	.296	.313	.296	76	68	
May -	.805	.779	63.1	69.3	63.8	53.1	74.5	44.2	22nd	91.6	31st	.430	.451	.430	74	62	
June -	.798	.777	72.4	78.9	72.8	60.7	84.9	54.6	5th	94.4	7th	.539	.534	.539	68	54	
July -	.788	.762	78.2	85.0	77.6	65.2	89.9	58.8	18th	97.6	30th	.619	.607	.619	63	50	
August -	.821	.795	78.8	84.5	77.4	65.1	89.7	58.4	13th	98.8	1st	.579	.548	.579	58	46	
September -	.855	.825	74.3	79.4	73.9	63.2	84.5	54.8	27th	94.4	4th	.556	.544	.556	65	54	
October -	29.977	.951	65.9	68.7	65.4	57.1	73.6	45.6	20th	95.8	5th	.441	.449	.441	69	62	
November -	30.023	.994	54.4	57.4	54.5	47.2	61.7	38.4	25th	72.0	7th	.305	.345	.305	79	72	
December -	29.914	29.873	43.6	46.8	44.2	38.7	49.6	29.6	21st	61.4	5th	.246	.258	.246	85	80	
Year -	29.893	29.865	58.6	62.9	58.5	49.7	67.3	—	—	—	—	.385	.390		73.1	64.3	

## SCUTARI (A.M.D.).

1884.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.064	30.031	39.7	42.5	40.0	35.0	45.0	24.0	21st	55.8	26th	.204	.216	.204	82	78	
February -	30.105	30.069	40.7	45.0	41.5	34.3	48.7	27.6	21st	59.0	27th	.205	.216	.205	80	71	
March -	29.975	29.948	46.5	49.3	46.8	40.0	53.5	26.0	17th	71.2	23rd	.245	.260	.245	76	72	
April -	.753	.730	55.9	59.2	55.5	46.6	64.3	32.0	2nd	80.4	23rd	.322	.325	.322	70	63	
May -	.934	.907	61.8	67.1	61.0	49.7	72.2	41.6	14th	78.8	8th	.375	.376	.375	66	57	
June -	.782	.763	69.8	74.7	69.5	58.2	80.8	54.0	1st	92.6	4th	.511	.513	.511	70	59	
July -	.810	.793	74.3	80.1	73.5	61.7	85.3	55.2	24th	94.0	21st	.568	.558	.568	67	54	
August -	.840	.822	74.4	78.6	73.0	62.5	83.4	55.8	20th	94.2	7th	.523	.518	.523	60	52	
September -	.957	.935	68.6	71.9	66.7	55.1	78.3	49.6	29th	83.8	2nd	.453	.448	.453	65	56	
October -	29.964	.940	60.7	64.5	60.9	52.4	69.3	39.0	20th	80.2	12th	.409	.425	.409	77	69	
November -	30.024	.992	47.8	50.1	48.0	42.7	53.3	30.2	26th	61.2	2nd	.282	.290	.282	83	78	
December -	30.019	29.989	48.3	51.6	48.5	41.9	55.0	33.8	7th, 11th	62.4	22, 24	.275	.297	.275	81	77	
Year -	29.934	29.909	57.4	61.2	57.1	48.3	65.8	—	—	—	—	.364	.370		73.1	65.5	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, 6 inches above the ground.

SCUTARI.

1881.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	8.7	8.6		ins. 6.890	ins. .950	23rd	23	9	3	2				12	13	11	2	8	8	3	2	3	
February -	9.0	8.4		3.010	.830	13th	17	5	0	0				23	22	3	2	2	1	0	2	1	
March -	7.8	7.2		3.460	.930	23rd	10	6	1	2				11	11	0	0	13	14	6	0	7	
April -	7.2	6.9		1.030	.500	30th	8	0	0	2				11	16	2	0	14	9	2	1	5	
May -	6.5	5.5		2.440	.520	22nd	15	0	0	3				12	14	2	0	13	11	3	1	6	
June -	2.9	2.7		1.280	.840	18th	4	0	0	3				3	17	4	0	7	18	2	1	8	
July -	4.0	2.9 <sup>1</sup>		1.230	.800	29th	8	0	0	2				23	17	4	2	6	7	1	0	2	
August -	3.1	1.9		0.020	.020	9th	1	0	0	0				14	35	5	0	2	6	0	0	0	
September	4.6	4.1		0.880	.500	27th	6	0	0	3				10	20	11	0	5	10	0	0	4	
October -	6.7	5.9 <sup>1</sup>		1.610	.380	19th	15	0	1	4				5	11	10	4	8	14	3	1	6	
November	7.2	6.1		1.470	.400	5th	12	2	2	0				9	20	14	2	2	6	2	0	5	
December	7.8	7.4		2.440	.970	21st	18	3	1	1				7	29	14	2	5	1	0	0	4	
Year -	6.3	5.6		25.760	—	—	137	25	8	22				140	225	80	14	85	105	22	8	51	

SCUTARI.

				ins.	ins.																	
1882.																						
January -	7.5	7.5		3.160	.420	8th	17	9	3	0				19	19	4	1	9	4	0	2	4
February -	5.9	6.4		3.030	.860	1st	14	12	1	0				13	8	3	0	5	12	4	2	9
March -	5.9	4.1		0.210	.070	1st, 3rd	5	0	0	0				11	15	5	0	9	13	1	1	7
April -	6.0	5.9		1.200	.480	11th	7	1	1	1				5	23	6	1	8	11	3	0	3
May -	4.9	4.9		1.040	.300	12th	10	0	0	4				16	19	4	0	11	5	2	0	5
June -	3.6	2.9		2.130	1.200	18th	9	0	0	3				16	10	2	0	13	14	2	1	2
July -	2.5	1.7 <sup>1</sup>		0.030	.010	2, 5, 11	3	0	0	2				10	26	0	0	12	9	0	3	2
August -	3.4	2.5		2.060	1.690	4th	5	0	0	2				13	31	6	0	4	5	1	0	2
September -	4.7	3.2 <sup>1</sup>		0.240	.210	30th	2	0	0	2				3	32	8	0	7	5	0	0	5
October -	5.6 <sup>1</sup>	5.6 <sup>2</sup>		1.310	.410	1st	10	0	0	1				9	13	4	0	4	9	1	4	18
November -	5.5	5.0		3.630	1.050	10th	12	0	1	0				7	6	6	2	8	23	3	1	4
December -	7.1	7.0		2.380	.900	1st	16	1	1	2				7	13	10	5	9	12	3	1	2
Year -	5.2	4.7		20.420	—	—	110	23	7	17				129	215	58	9	99	122	20	15	63

SCUTARI.

				ins.	ins.																	
1883.																						
January -	7.1	7.4		2.200	1.000	4th	18	11	2	0				9	18	18	1	2	6	1	4	3
February -	8.7	8.4		1.640	.210	7th	23	19	1	0				30	11	4	1	5	2	0	1	2
March -	7.2	7.0		4.890	.880	29th	23	8	1	0				7	12	4	1	22	8	2	1	5
April -	7.1	6.8 <sup>1</sup>		1.900	.440	10th	18	1	2	1				16	12	2	1	11	10	4	1	3
May -	6.5	5.1		0.900	.270	13th	10	0	0	2				9	8	2	2	16	13	3	0	9
June -	5.2	3.7		1.910	1.530	23rd	10	0	0	7				3	22	5	0	13	14	1	0	2
July -	4.2	2.1		0.560	.550	2nd	2	0	0	4				10	27	5	0	6	9	2	0	3
August -	4.0	2.7		0.360	.300	22nd	4	0	0	4				13	30	7	0	6	2	1	0	3
September -	4.9	3.8 <sup>1</sup>		1.480	1.050	9th	6	0	1	4				7	21	8	0	7	10	1	1	5
October -	5.7	5.3 <sup>1</sup>		1.780	.630	10th	8	0	0	0				6	24	5	1	4	13	2	0	7
November -	5.6	5.8		2.360	.870	22nd	12	0	0	0				6	22	9	2	3	6	0	0	12
December -	7.0	8.4 <sup>1</sup>		9.570	1.700	25th	21	1	0	0				20	8	6	2	14	5	3	3	1
Year -	6.1	5.5		29.550	—	—	155	40	7	22				136	215	75	11	109	98	20	11	55

SCUTARI.

				ins.	ins.																	
1884.																						
January -	7.5	7.2		5.500	.980	14th	20	5	2	0				20	14	3	0	7	11	3	1	3
February -	6.9	5.8		1.510	.660	28th	11	5	4	0				10	11	15	2	6	5	5	0	4
March -	7.3	7.3 <sup>1</sup>		1.440	.360	3rd	15	2	1	2				18	16	1	3	9	7	6	0	2
April -	5.8	5.9 <sup>2</sup>		1.000	.280	15th	10	0	0	2				7	15	3	1	13	14	3	1	3
May -	5.0	4.1 <sup>1</sup>		0.340	.180	30th	6	0	0	0				11	29	3	0	9	9	0	0	1
June -	4.3	5.1		3.360	1.270	19th	10	0	1	6				1	7	4	0	18	18	2	2	8
July -	3.5	3.0 <sup>3</sup>		1.470	.780	1st	6	0	0	3				11	18	6	0	15	7	1	0	4
August -	4.6	3.5		2.100	.890	17th	8	0	0	2				6	30	17	0	2	6	0	0	1
September -	4.5	4.5		3.280	1.950	29th	9	0	0	1				9	25	12	0	2	8	0	1	3
October -	6.2	6.2		1.750	.550	1st	10	0	0	1				12	13	4	1	5	8	3	2	14
November -	8.3	7.8		4.960	1.800	21st	22	1	1	1				10	28	6	2	4	2	3	2	3
December -	5.6	5.1 <sup>1</sup>		1.390	.340	3rd	14	0	1	0				5	7	8	10	11	11	0	0	10
Year -	5.8	5.5		28.100	—	—	141	13	10	18				120	213	82	19	101	106	26	9	56

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## SCUTARI (A.M.D.).

Long. 29° 3' E. Lat. 41° 0' N. Height above Mean Sea Level, 60 feet.

1885.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	30.064	30.016	39.6	43.2	40.5	34.6	46.3	28.6	6th	53.4	16th	.199	.208		81	74	
February -	30.006	29.980	42.4	45.6	43.4	38.0	48.7	30.0	28th	59.8	19th	.232	.244		85	79	
March -	29.906	.873	45.1	48.9	46.1	40.0	52.1	29.8	2nd	64.8	21st	.241	.257		78	73	
April -	.816	.793	56.0	59.6	54.8	44.1	65.4	32.6	1st	78.8	9th	.313	.326		69	63.	
May -	.836	.813	66.5	71.9	65.9	54.0	77.8	46.6	17th	86.4	15th	.426	.431		65	54	
June -	.801	.780	73.7	77.3	71.9	59.5	84.3	52.6	15th	90.4	21st	.497	.496		60	52	
July -	.776	.763 <sup>1</sup>	79.4	85.9 <sup>1</sup>	78.1	65.3	90.9	57.8	29th	100.4	22nd	.590	.557 <sup>1</sup>		58	44 <sup>1</sup>	
August -	.826	.799	77.8	84.7	76.7	63.5	89.9	58.2	1st	97.8	21st	.521	.497		55	41	
September	.910	.882	72.2	75.2	70.9	59.6	82.2	54.2	3rd	95.2	1st	.488	.486		60	54	
October -	.908	.880	65.9	69.9	65.5	56.5	74.4	39.0	31st	84.4	14th	.459	.456		71	61	
November	29.995	.963	55.3	58.4	55.8	49.5	62.0	43.4	28th	69.6	5th	.344	.362		78	74	
December	30.015	29.991	45.3	47.8	45.5	40.0	51.0	28.0	27th	64.2	10th	.253	.262		81	77	
Year -	29.905	29.878	59.9	64.0	59.6	50.4	68.8	—	—	—	—	.380	.382		70.1	62.2	

## SCUTARI (A.M.D.).

1886.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.875	29.844	47.7	52.2	49.1	43.1	55.1	31.4	4th	62.6	21st	.265	.280		79	71	
February -	30.005	.976	43.2	45.4	43.9	38.9	48.9	28.4	27th	65.6	6th	.236	.238		85	77	
March -	29.923	.900	41.8	45.1	42.0	35.2	48.7	26.4	13th	57.8	31st	.222	.232		83	75	
April -	.975	.938	52.2	57.1	52.3	43.0	61.6	32.8	4th	72.6	12th	.299	.302		75	63	
May -	.890	.861	61.5	66.1	60.8	51.8	69.7	37.2	7th	80.2	16th	.395	.408		71	63	
June -	.747	.723	73.9	79.6	73.0	61.2	84.8	56.0	26th	99.4	22nd	.528	.519		62	50	
July -	.810	.792 <sup>1</sup>	74.3	80.8 <sup>1</sup>	73.4	61.2	85.6	53.4	5th	100.0	26th	.534	.529 <sup>1</sup>		62	50 <sup>1</sup>	
August -	.793	.771	77.5	84.2	76.8	63.8	89.8	56.8	1st	96.4	12th	.541	.545		56	46	
September -	29.963	.930	71.3	75.6	69.9	58.8	80.9	49.0	29th	87.6	6th	.466	.454		59	51	
October -	30.008	.981	63.1	66.3	63.2	54.8	71.5	45.4	31st	79.4	1st	.413	.419		71	64	
November -	30.030	.999	52.8	55.8	53.4	47.0	59.8	32.6	30th	70.0	9th	.312	.328		76	71	
December -	29.930	29.894	51.5	55.6	52.3	46.3	58.2	34.6	1st	67.0	4th	.283	.313		73	70	
Year -	29.912	29.884	59.2	63.7	59.2	50.4	67.9	—	—	—	—	.375	.381		71.0	62.6	

## ASSOUAN (A.M.D.).

Long. 33° 3' E. Lat. 24° 8' N. Height above Mean Sea Level, ? feet.

1885-6.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
July -																	
August -																	
September -																	
October -																	
November -																	
December -	—	—	60.2 <sup>13</sup>	73.7 <sup>13</sup>	65.2	54.6	75.7	45.0	25th	85.5	15, 19	.282 <sup>13</sup>	.323 <sup>13</sup>		54 <sup>13</sup>	39 <sup>13</sup>	
January -	—	—	58.7	74.2	63.4	51.7	75.0	45.5	6th, 26th	85.0	18th	.271	.281		54	33	
February -	—	—	63.3	77.9	67.1	55.2	78.9	47.5	4th	93.0	13, 14	.250	.261		43	28	
March -	—	—	69.2	82.9	71.3	58.6	84.0	51.0	5th, 28th	95.0	17th	.253	.255		35	23	
April -																	
May -																	
June -																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## KOROSKO (A.M.D.).

Long. 32° 4' E. Lat. 22° 7' N. Height above Mean Sea Level, ? feet.

1885-6.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
July -																	
August -																	
September -																	
October -																	
November -	—	—	75.9	87.3	76.9	64.5	89.3	57.2	30th	96.8	7th	.409	.422	—	45	33	—
December -	—	—	64.7	75.0	66.5	55.0	77.9	47.6	25th	86.4	5th	.327	.357	—	53	41	—
January -	—	—	61.7	75.9	65.3	53.3	77.3	45.2	9th	92.8	18th	.294	.353	—	53	39	—
February -	—	—	67.4	80.6	69.2	56.6	81.7	47.0	4th	97.0	14th	.301	.342	—	45	33	—
March -	—	—	71.5	83.7	72.8	60.2	85.4	51.4	5th	95.6	17th	.281	.343	—	36	30	—
April -																	
May -																	
June -																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, 6 inches above the ground.

SCUTARI.

1885.	Amount of Cloud.			Rainfall.			Weather, No. of days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	6.8	6.9		ins.	ins.	9th	16	5	0	0				6	42	3	6	2	3	0	0	0		
February -	7.3	7.7		2.040	.430	4th	15	2	0	0				15	21	4	4	2	6	1	0	3		
March -	7.6	7.4		1.960	.610	14th	14	3	0	0				12	15	7	4	7	9	5	2	1		
April -	4.8	4.8		1.600	.570	4th	6	0	1	1				12	11	5	2	12	8	4	1	5		
May -	4.0	4.6		1.550	1.160	16th	5	0	0	3				8	16	6	0	10	15	1	0	6		
June -	4.5	3.5		0.510	.200	26th	5	0	0	6				5	21	7	1	5	19	0	0	2		
July -	4.1	3.4 <sup>1</sup>		0.400	.210	27th	5	0	0	3				17	24	5	0	4	10	1	0	1		
August -	2.8	1.7		0.870	.310	26th	1	0	0	1				11	21	7	0	10	8	0	0	5		
September -	3.7	3.2		0.010	.010	13th	5	0	0	1				13	14	12	1	9	8	1	0	2		
October -	5.4	4.7		1.640	1.050	22nd	11	0	0	1				9	11	7	1	10	12	2	0	10		
November -	6.7	6.7		2.710	.710	11th	19	0	0	0				4	18	17	0	7	9	1	1	3		
December -	7.0	6.7		2.590	.850	12th	18	2	0	0				23	10	5	0	8	11	3	0	2		
Year -	5.4	5.1		19.380	—	—	120	12	1	16				135	224	85	19	86	118	19	4	40		

SCUTARI.

1886.				ins.	ins.																		
January -	6.7	6.1		1.890	.460	12th	12	0	0	0				6	9	5	7	17	11	0	1	6	
February -	8.3	7.0		3.700	.490	28th	19	4	1	0				23	16	3	2	5	2	0	1	4	
March -	7.9	7.9		3.640	.900	4th	18	8	1	0				27	10	3	1	4	7	2	1	7	
April -	7.0	5.5		1.390	.550	17th	15	0	1	1				25	19	1	0	7	4	1	1	2	
May -	5.2	4.7		1.840	.710	19th	10	0	0	0				18	9	0	0	16	14	3	0	2	
June -	3.1	3.4		0.900	.800	17th	3	0	0	3				3	12	6	0	9	23	2	0	5	
July -	3.1	2.4 <sup>1</sup>		1.170	.620	6th	7	0	0	6				12	19	3	0	12	14	2	0	0	
August -	3.5	2.2		1.410	1.380	28th	3	0	0	3				8	33	8	1	4	6	0	0	2	
September -	4.7	3.4		1.760	.930	17th	5	0	0	2				5	24	11	0	3	8	0	0	9	
October -	4.8	4.3		2.080	.580	29th	10	0	0	0				5	19	9	2	5	13	2	0	7	
November -	7.1	5.9		2.470	.730	25th	14	0	1	0				9	12	4	2	10	9	4	0	10	
December -	5.8	5.9		1.610	.700	11th	13	0	0	0				5	3	2	7	18	18	4	0	5	
Year -	5.6	4.9		23.860	—	—	129	12	4	15				146	185	55	22	110	129	20	4	59	

Thermometers, ? feet above ground.

ASSOUAN.

1885-6.				ins.	ins.																	
July -																						
August -																						
September -																						
October -																						
November -																						
December -																						
January -	2.0	2.9		—	—	—	—	—	—	—	—	—	—	22	4	1	1	0	0	1	33	0
February -	2.1	3.6		—	—	—	—	—	—	—	—	—	—	43	1	0	0	0	2	1	9	0
March -	1.5	1.6		—	—	—	—	—	—	—	—	—	—	56	0	1	1	0	0	0	4	0
April -																						
May -																						
June -																						
Year -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Thermometers, ? feet above the ground.

KOROSKO.

1885-6.				ins.	ins.																	
July -																						
August -																						
September -																						
October -																						
November -																						
December -	0.1	0.4		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60	—
January -	2.1	2.5		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	62	—
February -	2.8	2.8		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	62	—
March -	2.5	2.4		—	—	—	—	—	—	—	—	—	—	2	4	—	—	—	—	—	50	—
April -														14	26	—	—	—	—	—	22	—
May -																						
June -																						
Year -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## WADY HALFA (A.M.D.).

Long. 31° 20' E. Lat. 21° 53' N. Height above Mean Sea Level, ? feet.

1885-6.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
July -	ins.	ins.	°		°	°	°	°		°		in.	in.	in.	%	%	%	
August -																		
September -																		
October -																		
November -	—	—	72.8	84.2	75.1	65.4	84.7	58.4	30th	95.6	8th	.376	.411		47	35		
December -	—	—	63.2	74.1	65.5	55.8	75.2	48.9	26, 27	85.9	18th	.291	.315		50	39		
January -	—	—	59.7	71.7	64.5	55.5	73.4	46.0	25th	83.8	18th	.263	.303		51	39		
February -	—	—	64.6	77.7	67.9	58.0	77.7	47.1	2nd	92.6	13th	.256	.310		42	33		
March -																		
April -																		
May -																		
June -																		
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—		

NOTE.—There are gaps of one or two days in most of the columns.

## NASSAU, BAHAMAS (R.E.).

Long. 77° 22' W. Lat. 25° 4' N. Height above Mean Sea Level, 100 feet.

1852.	9.30 a.m. ins.	3.30 p.m. ins.	9.30 a.m.	3.30 p.m.								9.30 a.m. in.	3.30 p.m. in.	in.	9.30 a.m. %	3.30 p.m. %	%
January -			°	°	°	°	°	°									
February -																	
March -																	
April -																	
May -																	
June -																	
July -																	
August -																	
September -	29.894	29.872	—	—	81.5	75.9	87.1	72.0	14, 20	90.0	9th	—	—		—	—	
October -	.982	.936	—	—	78.3 <sup>2</sup>	73.4 <sup>2</sup>	83.2	65.5	25th	88.0	2nd	—	—		—	—	
November -	29.926	.871	—	—	75.4 <sup>8</sup>	69.9 <sup>8</sup>	80.8	59.5	16th	85.0	8th	—	—		—	—	
December -	30.064	29.997 <sup>3</sup>	—	—	75.3	70.4	80.1	60.5	6th	83.0	10th	—	—		—	—	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## NASSAU, BAHAMAS (R.E.).

Height above Mean Sea Level, 100 feet till May; 67 feet in June, then 25 feet.

1853.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	29.996	29.946	—	—	67.8	60.3	75.3	51.6	26th	84.0	3rd	—	—		—	—	
February -	30.078	30.041	—	—	68.2	63.7	72.7	57.0	26th	82.0	20, 24	—	—		—	—	
March -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
April -	30.045	29.997 <sup>1</sup>	75.1 <sup>4</sup>	75.0 <sup>3</sup>	75.3 <sup>7</sup>	69.6 <sup>7</sup>	81.6 <sup>4</sup>	61.3	7th	85.5	21, 22	.592 <sup>4</sup>	.586 <sup>3</sup>		69.5 <sup>4</sup>	70.2 <sup>3</sup>	
May -	.013 <sup>6</sup>	29.968 <sup>8</sup>	78.3 <sup>7</sup>	78.8 <sup>8</sup>	75.8 <sup>8</sup>	69.5 <sup>7</sup>	82.1 <sup>8</sup>	66.4	2nd	87.8	29th	.630 <sup>7</sup>	.613 <sup>8</sup>		67.0 <sup>7</sup>	65.2 <sup>8</sup>	
June -	30.059	30.019	79.4	80.1	77.0	70.8	83.1	67.4	3, 14, 16	87.8	26th	.666	.711		74.2	70.0	
July -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
August -	30.003 <sup>3</sup>	29.976 <sup>5</sup>	83.7 <sup>3</sup>	84.5 <sup>5</sup>	81.7 <sup>2</sup>	76.0 <sup>2</sup>	87.4 <sup>2</sup>	71.0	29th	90.0	17, 18	.859 <sup>5</sup>	.873 <sup>5</sup>		74.1 <sup>5</sup>	74.7 <sup>5</sup>	
September -	29.987 <sup>1</sup>	.954 <sup>2</sup>	82.8 <sup>1</sup>	83.1 <sup>1</sup>	80.6 <sup>1</sup>	76.1 <sup>1</sup>	85.0 <sup>1</sup>	72.0	28th	87.5	17, 21, 22	.882 <sup>1</sup>	.868 <sup>2</sup>		79.9 <sup>1</sup>	77.3 <sup>2</sup>	
October -	30.014	.955 <sup>5</sup>	81.2	81.9 <sup>5</sup>	79.3	74.9	83.7	69.5	19th	87.5	5th	.836	.831 <sup>5</sup>		80.8	77.3 <sup>5</sup>	
November -	29.998	29.951 <sup>2</sup>	77.7	77.5 <sup>2</sup>	76.4	73.1	79.6	67.0	28, 29	85.0	6th	.711	.723 <sup>2</sup>		74.2	76.0 <sup>2</sup>	
December -	30.052 <sup>4</sup>	30.007 <sup>5</sup>	—	71.0 <sup>1</sup>	70.7 <sup>1</sup>	66.9	74.4 <sup>1</sup>	53.5	30th	78.0	9th	—	.618 <sup>1</sup>		—	81.0 <sup>1</sup>	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## NASSAU, BAHAMAS (R.E.).

Height above Mean Sea Level, 30 feet for January, then 100 feet.

1854.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	30.195 <sup>5</sup>	—	—	—	—	70.5 <sup>7</sup>	—	58.0	2nd	—	—	in.	in.	in.	%	%	%
February -	.099 <sup>4</sup>	30.064	—	—	—	69.3 <sup>4</sup>	—	64.3	6th	—	—	—	—	—	—	—	
March -	.049 <sup>1</sup>	29.974 <sup>7</sup>	—	—	—	70.8 <sup>6</sup>	—	65.5	24th	—	—	—	—	—	—	—	
April -	30.001 <sup>7</sup>	.952 <sup>11</sup>	—	—	—	69.9 <sup>6</sup>	—	65.5	24th	—	—	—	—	—	—	—	
May -	29.933 <sup>4</sup>	.886 <sup>5</sup>	—	—	—	74.7 <sup>5</sup>	—	72.0	4, 5, 30	—	—	—	—	—	—	—	
June -	29.978 <sup>1</sup>	29.960 <sup>5</sup>	—	—	—	77.4 <sup>5</sup>	—	75.0	5th	—	—	—	—	—	—	—	
July -	30.021 <sup>5</sup>	30.004 <sup>5</sup>	—	—	—	79.0 <sup>5</sup>	—	77.0	7th	—	—	—	—	—	—	—	
August -	30.038 <sup>4</sup>	30.012 <sup>4</sup>	—	—	—	79.9 <sup>4</sup>	—	77.0	28, 30	—	—	—	—	—	—	—	
September -	29.963 <sup>4</sup>	29.936 <sup>7</sup>	—	—	—	79.8 <sup>4</sup>	—	77.0	18, 19	—	—	—	—	—	—	—	
October -	.948 <sup>5</sup>	.917 <sup>5</sup>	—	—	—	76.2 <sup>5</sup>	—	73.0	20, 24	—	—	—	—	—	—	—	
November -	29.997 <sup>4</sup>	.954 <sup>4</sup>	—	—	—	71.3 <sup>4</sup>	—	65.0	16th	—	—	—	—	—	—	—	
December -	30.013 <sup>7</sup>	29.938 <sup>10</sup>	—	—	—	64.9 <sup>7</sup>	—	63.0	7th, 8th	—	—	—	—	—	—	—	
Year -	30.020	—	—	—	—	73.6	—	—	—	—	—	—	—	—	—	—	

NOTE.—Smaller figures thus 1, indicate the number of observations that are missing.

Thermometers, ? feet above ground.

WADY HALFA.

1885-6.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
July -				ins.	ins.																			
August -																								
September -																								
October -																								
November -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—		
December -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—		
January -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—		
February -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—		
March -																								
April -																								
May -																								
June -																								
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—		

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

BAHAMAS.

1852.	9.30 a.m.	3.30 p.m.		ins.	ins.															
January -																				
February -																				
March -																				
April -																				
May -																				
June -																				
July -																				
August -																				
September	—	—		5'080	1'040	19th	10					2	6	5	12	4	1	0	0	0
October -	—	—		3'250	2'540	15th	7					3	9	12	7	0	0	0	0	0
November	—	—		4'910	1'840	9th	7					3	2	8	4	12	1	0	0	0
December	—	—		1'270	'760	29th	6					1	5	10	10	2	1	0	2	0
Year -	—	—		—	—	—	—						—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1852 includes only the morning observations.

BAHAMAS.

1853.				ins.	ins.																
January -				3'030	1'110	10th	13							7	6	3	4	2	1	1	7
February -				0'500	'240	20th	8							3	3	8	7	2	1	1	3
March -				—	—	—	—							—	—	—	—	—	—	—	—
April -				2'536	1'473	11th	5							6	8	7	3	5	1	0	0
May -				0'758	'705	16th	2							—	—	—	—	—	—	—	—
June -				8'019	3'970	14th	14							3	6	9	6	7	0	0	0
July -				—	—	—	—							—	—	—	—	—	—	—	—
August -	6'23	5'54		8'310	3'280	29th	15							—	—	—	—	—	—	—	—
September -	5'6	5'81		10'810	3'750	28th	17							0	6	12	6	5	0	0	1
October -	6'8	5'71		5'910	1'240	18, 19	11							1'	6	12	3	3	2	1	0
November -	5'1	4'62		2'640	'760	25th	8							7	10	10	0	0	0	1	1
December -	4'0	4'01		1'210	1'040	31st	3							5	5	3	2	2	4	2	6
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—

BAHAMAS.

1854.				ins.	ins.																
January -	5'25	—		0'910	'580	10th	4														
February -	5'64	3'84		1'340	'890	9th	4														
March -	5'14	4'44		0'820	'700	27th	2														
April -	6'63	6'25		8'000	2'340	8th	9														
May -	6'25	5'85		5'900	3'600	26th	9														
June -	7'84	7'25		9'660	1'750	5th	13														
July -	6'75	5'45		6'530	1'830	12th	11														
August -	6'14	5'74		6'930	3'100	28th	12														
September -	6'44	6'54		5'770	1'450	28th	15														
October -	5'05	6'14		4'230	2'110	7th	9														
November -	5'24	5'64		0'420	'290	25th	2														
December -	3'46	4'46		0'770	'530	8th	2														
Year -	5'8	—		51'280	—	—	92														

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## NASSAU, BAHAMAS (R.E.).

Long. 77° 20' W. Lat. 25° 4' N.

Height above Mean Sea Level 110 feet till August, then 20 feet.

1855.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.	°	°	°							in.	in.	in.	%	%	%	
January -	30°057 <sup>4</sup>	29°995 <sup>7</sup>	—	—	—	66°8 <sup>4</sup>	—	63°0	1st	—	—	—	—	—	—	—	—	
February -	°08 <sup>5</sup>	°97 <sup>5</sup>	—	—	—	66°1 <sup>5</sup>	—	60°0	2nd	—	—	—	—	—	—	—	—	
March -	°024 <sup>4</sup>	29°998 <sup>5</sup>	—	—	—	68°5 <sup>4</sup>	—	61°5	1st	—	—	—	—	—	—	—	—	
April -	30°055 <sup>6</sup>	30°015 <sup>6</sup>	—	—	—	70°0 <sup>6</sup>	—	63°5	13th	—	—	—	—	—	—	—	—	
May -	29°945 <sup>5</sup>	29°903 <sup>5</sup>	—	—	—	73°0 <sup>5</sup>	—	69°0	14th	—	—	—	—	—	—	—	—	
June -	29°965 <sup>4</sup>	29°946 <sup>4</sup>	—	—	—	75°4 <sup>4</sup>	—	69°0	19th	—	—	—	—	—	—	—	—	
July -	30°028 <sup>5</sup>	30°014 <sup>5</sup>	—	—	82°1 <sup>5</sup>	77°3 <sup>5</sup>	86°9 <sup>5</sup>	73°0	6th	94°0	16th	—	—	—	—	—	—	
August -	°003 <sup>4</sup>	29°987 <sup>5</sup>	—	—	83°4 <sup>4</sup>	78°3 <sup>4</sup>	88°4 <sup>4</sup>	71°5	29th	91°0	13th	—	—	—	—	—	—	
September	30°018	°981	—	—	84°0	79°8	88°2	73°0	30th	90°0	1st, 18th	—	—	—	—	—	—	
October -	29°976	°943	—	—	80°3	76°0	84°5	70°5	26th	89°0	2nd	—	—	—	—	—	—	
November	29°982	29°934	—	—	79°3	75°1	83°5	70°5	11th	86°0	2nd	—	—	—	—	—	—	
December	30°098	30°055	—	—	76°6	73°0	80°2	67°0	11th	84°0	2nd, 20th	—	—	—	—	—	—	
Year -	30°013	29°979	—	—	—	73°3	—	—	—	—	—	—	—	—	—	—	—	

## NASSAU, BAHAMAS (R.E.).

Height above Mean Sea Level 20 feet.

1856.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°089	30°022	70°7	72°8	72°0	67°9	76°1	60°0	17, 18	84°0	4th	—	—	—	—	—	—
February -	048	29°983	71°3	72°6	72°1	67°4	76°8	59°0	6th, 7th	85°0	10th	—	—	—	—	—	—
March -	037	29°998	78°0	78°2	76°2	68°8	83°5	62°5	16th	91°0	14, 20	—	—	—	—	—	—
April -	30°053	30°016	79°4	77°4	77°7	69°6	85°7	65°0	1st, 23rd	94°0	9th	—	—	—	—	—	—
May -	29°931	29°893	83°6	81°4	81°4	73°0	89°7	68°0	20th	100°0	10th	915	894	82°0	85°8	84°0	
June -	30°039	30°013	85°6	83°9	82°8	74°4	91°1	71°0	4th, 5th	95°0	27, 30	932	946	81°8	84°0	84°0	
July -	30°034	29°982	85°1	87°1	84°2	76°3	92°0	71°0	5th, 22nd	100°0	7th	973	954	82°7	76°2	77°0	
August -	29°960 <sup>1</sup>	930 <sup>2</sup>	83°4 <sup>1</sup>	87°6 <sup>2</sup>	84°0 <sup>2</sup>	75°1 <sup>2</sup>	92°9 <sup>2</sup>	71°0	2nd, 12th	95°0	2nd, 25th	965 <sup>2</sup>	944 <sup>3</sup>	86°1 <sup>2</sup>	77°0 <sup>3</sup>	77°0 <sup>3</sup>	
September	957 <sup>4</sup>	913 <sup>4</sup>	81°6 <sup>4</sup>	85°1 <sup>4</sup>	83°0 <sup>4</sup>	75°5 <sup>4</sup>	90°4 <sup>4</sup>	71°0	11, 22	94°0	3rd	1023 <sup>4</sup>	1114 <sup>4</sup>	96°9 <sup>4</sup>	93°5 <sup>4</sup>	93°5 <sup>4</sup>	
October -	29°954 <sup>1</sup>	924 <sup>1</sup>	78°7 <sup>1</sup>	81°3 <sup>1</sup>	80°8 <sup>1</sup>	74°7 <sup>1</sup>	86°8 <sup>1</sup>	72°0	23, 30	92°0	21st	917 <sup>1</sup>	970 <sup>1</sup>	94°6 <sup>1</sup>	92°9 <sup>1</sup>	92°9 <sup>1</sup>	
November	30°044 <sup>5</sup>	29°994 <sup>5</sup>	76°7 <sup>5</sup>	78°9 <sup>5</sup>	79°4 <sup>5</sup>	74°0 <sup>5</sup>	84°7 <sup>5</sup>	69°0	20th	89°0	4th	796 <sup>5</sup>	844 <sup>5</sup>	80°3 <sup>5</sup>	87°0 <sup>5</sup>	87°0 <sup>5</sup>	
December	30°126 <sup>3</sup>	30°086 <sup>5</sup>	72°4 <sup>5</sup>	73°8 <sup>5</sup>	74°6 <sup>5</sup>	70°3 <sup>5</sup>	78°9 <sup>5</sup>	61°0	26th	84°0	4th	717 <sup>5</sup>	740 <sup>5</sup>	90°1 <sup>5</sup>	90°9 <sup>5</sup>	90°9 <sup>5</sup>	
Year	30°023	29°980	78°9	80°0	79°0	72°3	85°7	—	—	—	—	—	—	—	—	—	—

## NASSAU, BAHAMAS (R.E.).

Height above Mean Sea Level, 20 feet till July, then 13 feet.

1857.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	30°200	30°154	67°4	68°4	69°0	64°6	73°4	56°0	19, 20	79°0	1st, 5th	550	579	in.	81°6	83°3	83°3
February -	181	118	71°1	71°7	72°7	69°6	75°8	62°0	14th	79°0	28th	648	664	—	86°1	86°2	86°2
March -	30°074	30°028	76°0	73°7	73°7	67°3	80°0	57°5	4th	84°0	16th	756	694	—	85°3	84°6	84°6
April -	29°984	29°951	77°8	74°4	74°7	66°7	82°6	62°0	6th, 16th	88°0	18, 20	699	644	—	74°9	76°6	76°6
May -	29°965	934	80°2	78°5	78°0	71°3	84°7	64°0	11, 12	92°0	21st	823	762	—	81°9	80°1	80°1
June -	30°016	29°989	85°1	83°0	82°2	75°3	89°0	71°0	2nd, 30th	91°0	5th, 30th	907	831	—	77°3	75°0	75°0
July -	009	30°003	84°4	83°1	82°0	76°1	87°9	73°0	4th, 8th	93°0	18th	934	841	—	79°8	76°2	76°2
August -	30°063	30°032	84°4	83°7	81°7	75°1	88°3	70°0	6th	95°0	12th	967	893	—	84°0	79°3	79°3
September	29°972	29°946	82°2	82°2	79°9	74°7	85°0	72°0	8th, 21st	90°0	14th	912	877	—	85°2	82°0	82°0
October -	947	907	78°1	77°9	76°3	71°2	81°3	63°0	28th	85°0	16, 19	766	741	—	81°0	79°3	79°3
November	29°993	29°945	75°4	76°5	75°2	71°0	79°4	64°0	21st, 23rd	84°0	9th	769	730	—	87°7	81°1	81°1
December	30°084	30°038	73°9	75°5	73°0	68°4	77°6	65°0	5th, 28th	81°0	10th	772	793	—	93°5	91°3	91°3
Year -	30°041	30°004	78°0	77°4	76°5	70°9	82°1	—	—	—	—	792	754	—	83°2	81°3	81°3

NOTE.—No observations were taken on Sundays during 1857.

## NASSAU, BAHAMAS (R.E.).

Height above Mean Sea Level, 13 feet.

1858.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	30°092	30°040	72°1	72°7	70°8	66°8	74°8	58°0	30th	80°0	1st, 12th	680	666	—	86°5	83°2	83°2
February -	040	29°987	72°8	72°9	71°1	65°6	76°6	58°0	1st	82°0	15th	674	670	—	83°3	83°0	83°0
March -	078	30°030	72°0	71°8	70°0	63°4	76°5	53°0	11th	85°0	24, 29	600	601	—	76°5	76°6	76°6
April -	034	29°993	77°8	77°0	75°0	68°2	81°8	63°0	17th	88°0	22nd	687	667	—	72°9	74°0	74°0
May -	022	29°984	81°0	80°0	78°9	71°8	86°0	66°0	8th	92°0	12, 28	798	794	—	77°7	79°3	79°3
June -	023	30°001	83°1	84°2	81°7	74°9	88°4	71°0	16th	94°0	7th, 8th	865	850	—	78°6	74°4	74°4
July -	054	30°043	86°2	86°1	83°9	76°4	91°3	71°0	28th	96°0	8th	901	882	—	74°2	72°8	72°8
August -	009	29°987	85°9	85°0	82°7	76°0	89°3	72°0	6th, 16th	94°0	1st	935	901	—	77°7	76°9	76°9
September	30°003	966	83°2	82°3	80°6	75°6	85°5	70°0	30th	91°0	1st	867	844	—	77°7	78°2	78°2
October -	29°956	907	79°2	78°9	77°8	73°4	82°1	69°0	26th	87°0	7th	798	782	—	81°3	79°7	79°7
November	29°994	29°955	74°7	74°1	73°0	68°5	77°5	62°0	25, 29	83°0	22nd	682	665	—	79°9	79°0	79°0
December	30°119	30°078	74°7	74°4	73°9	68°7	79°0	62°0	27th	80°0	3rd, 18th	736	725	—	86°8	86°4	86°4
Year -	30°035	29°998	78°6	78°3	76°6	70°8	82°4	—	—	—	—	769	754	—	79°4	78°6	78°6

NOTE.—No observations were taken on Sundays during 1858.

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BAHAMAS.

1855.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	5.3 <sup>4</sup>	4.1 <sup>6</sup>		ins.	ins.	29th	9							—	—	—	—	—	—	—	—	—
February -	6.1 <sup>4</sup>	5.3 <sup>4</sup>		4.840	2.620	12th	6							—	—	—	—	—	—	—	—	—
March -	6.7 <sup>4</sup>	6.5 <sup>4</sup>		3.390	2.250	31st	5							—	—	—	—	—	—	—	—	—
April -	6.4 <sup>6</sup>	6.4 <sup>6</sup>		1.450	.480	2nd	6							—	—	—	—	—	—	—	—	—
May -	5.8 <sup>5</sup>	6.0 <sup>5</sup>		3.720	1.900	12th	8							—	—	—	—	—	—	—	—	—
June -	7.6 <sup>4</sup>	7.7 <sup>4</sup>		8.010	3.370	15th	15							—	—	—	—	—	—	—	—	—
July -	7.3 <sup>5</sup>	7.3 <sup>5</sup>		1.420	.500	16th	12							—	—	—	—	—	—	—	—	—
August -	6.3 <sup>4</sup>	6.1 <sup>5</sup>		6.350	2.660	20th	9							—	—	—	—	—	—	—	—	—
September	6.1	7.6		6.910	3.430	28th	14							0	20	28	3	4	2	0	0	3
October -	6.4	7.3		7.380	2.800	14th	9							4	29	3	6	0	2	0	9	9
November	6.0	5.8		1.460	.680	19th	5							7	20	22	0	1	3	0	3	4
December	5.2	5.7		2.460	.640	2nd	10							8	13	15	17	3	1	1	2	2
Year -	6.3	6.3		49.110	—	—	108							—	—	—	—	—	—	—	—	—

BAHAMAS.

				ins.	ins.																	
1856.																						
January -	7.2	6.6		4.880	1.550	28th	8							10	9	3	10	7	2	3	15	3
February -	5.6	6.1		3.230	1.920	4th	5							11	8	2	5	7	8	7	10	0
March -	6.7	5.4		1.780	.840	24th	6							9	7	2	10	14	5	4	7	4
April -	5.9	5.1		2.690	2.200	20th	5							5	14	13	8	7	2	7	2	2
May -	7.4	7.6		12.000	3.800	15th	16							4	7	7	11	10	9	1	6	7
June -	7.1	6.6		5.280	2.800	14th	5							0	11	22	17	2	0	0	0	8
July -	6.9	7.3		4.240	1.050	14, 23	12							0	2	26	13	12	3	0	2	4
August -	6.5 <sup>1</sup>	7.0 <sup>2</sup>		6.280	1.320	27th	11							2	6	10	17	13	2	3	1	8
September -	7.0 <sup>4</sup>	7.3 <sup>4</sup>		8.280	1.400	12th	15							—	—	—	—	—	—	—	—	—
October -	6.9 <sup>4</sup>	7.7 <sup>4</sup>		9.510	2.110	18th	13							—	—	—	—	—	—	—	—	—
November -	5.7 <sup>5</sup>	6.7 <sup>5</sup>		1.430	.840	1st	5							—	—	—	—	—	—	—	—	—
December -	6.2 <sup>5</sup>	6.4 <sup>5</sup>		0.850	.200	22nd	8							—	—	—	—	—	—	—	—	—
Year -	6.6	6.7		60.450	—	—	109							—	—	—	—	—	—	—	—	—

BAHAMAS.

				ins.	ins.																	
1857.																						
January -	6.0	5.1		0.060	.020	5, 9, 14	3															
February -	6.2	6.3		1.830	1.120	2nd	6															
March -	6.1	5.7		2.360	—	—	7															
April -	5.5	5.9		2.930	1.370	11th	8															
May -	7.1	8.3		6.870	1.500	5th	13															
June -	7.1	9.0		2.830	1.400	29th	5															
July -	8.0	8.1		8.240	2.680	2nd	18															
August -	7.8	7.2		5.990	1.320	24th	15															
September -	7.0	7.6		11.080	2.980	23rd	19															
October -	7.6	7.2		4.850	2.170	8th	8															
November -	7.9	6.6		10.400	4.380	13th	11															
December -	6.4	6.6		3.080	1.570	11th	7															
Year -	6.9	7.0		60.520	—	—	120															

NOTE.—No observations were taken on Sundays during 1857.

BAHAMAS.

				ins.	ins.																	
1858.																						
January -	7.4	7.1		6.240	2.660	22nd	12															
February -	7.3	6.8		1.860	—	—	7															
March -	6.0	5.2		3.930	—	—	3															
April -	6.8	5.3		3.560	2.050	24th	7															
May -	6.4	6.9		6.970	3.950	5th	8															
June -	7.8	7.2		4.740	2.170	16th	8															
July -	7.6	6.9		4.680	—	—	9															
August -	8.1	7.3		5.860	1.890	6th	14															
September -	8.2	7.9		5.210	—	—	12															
October -	7.1	6.5		4.472	1.600	21st	9															
November -	8.1	7.8		3.580	1.380	23rd	9															
December -	5.5	5.4		4.040	2.370	29th	9															
Year -	7.2	6.7		55.142	—	—	107															

NOTE.—No observations were taken on Sundays during 1858.

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## NASSAU, BAHAMAS (R.E.).

Long. 77° 20' W. Lat. 25° 4' N. Height above Mean Sea Level, 13 feet.

1859.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.										in.	in.	in.	%	%	%
February -	30° 162	30° 118	72° 6	72° 4	72° 2	66° 9	77° 4	62° 0	31st	80° 0	24th	696	665		87° 8	84° 4	
March -	083	046	72° 5	73° 8	71° 4	66° 4	76° 4	61° 0	2nd	82° 0	28th	670	665		84° 6	80° 8	
April -	027	002	77° 0	77° 7	75° 4	69° 1	81° 7	63° 0	21st	89° 0	31st	729	719		79° 7	76° 8	
May -	30° 050	30° 017	80° 6	80° 5	77° 9	70° 5	85° 3	64° 0	21st	91° 0	29th	714	700		69° 7	68° 7	
June -	29° 956	29° 936	81° 1	80° 9	78° 9	72° 3	85° 5	68° 0	5, 7, 21	92° 0	30th	824	815		79° 2	78° 8	
July -	30° 042	30° 022	84° 0	83° 1	81° 9	75° 3	88° 4	72° 0	17th	94° 0	6th	884	861		77° 8	77° 9	
August -	059	30° 045	85° 2	85° 4	83° 3	75° 6	91° 0	73° 0	9th	97° 0	29th	908	897		77° 2	75° 8	
September -	008	29° 984	84° 5	84° 1	82° 5	76° 1	88° 8	71° 0	22nd	92° 0	22nd	914	897		79° 2	78° 8	
October -	30° 004	071	83° 6	83° 3	81° 7	76° 1	87° 3	72° 0	28th	90° 0	1, 2, 3	920	905		81° 9	81° 5	
November -	29° 918	29° 878	80° 4	79° 9	79° 2	75° 2	83° 2	71° 0	25th	86° 0	8th, 10th	874	852		86° 1	85° 5	
December -	30° 067	30° 031	75° 9	75° 8	74° 2	69° 9	78° 4	63° 0	29th	83° 0	7, 8, 14	749	743		85° 0	84° 6	
Year -	30° 061	30° 017	73° 4	73° 8	72° 0	67° 6	76° 3	59° 0	27th	80° 0	22nd	678	657		82° 9	79° 5	
Year -	30° 036	30° 006	79° 2	79° 2	77° 6	71° 8	83° 3	—	—	—	—	797	781		80° 9	79° 4	

NOTE.—No observations were taken on Sundays during 1859.

## NASSAU, BAHAMAS (R.E.).

1860.	ins.	ins.										in.	in.	in.	%	%	%
January -	30° 116	30° 076	72° 0	72° 8	71° 8	68° 1	75° 4	66° 0	3rd, 4th	81° 0	18th	675	659		86° 8	82° 8	
February -	112	061	73° 3	74° 0	71° 6	66° 9	76° 2	58° 0	11th	82° 0	25th	698	706		85° 8	85° 2	
March -	053	30° 013	72° 6	73° 8	70° 9	65° 3	76° 5	56° 0	13th	82° 0	29th	625	628		79° 5	76° 0	
April -	027	29° 996	78° 8	77° 0	77° 0	70° 4	83° 6	65° 0	4th	92° 0	23, 24	712	711		73° 9	74° 2	
May -	30° 007	977	79° 6	79° 2	76° 9	70° 1	83° 6	63° 0	4th	90° 0	10, 11	779	753		79° 0	77° 9	
June -	29° 966	29° 951	85° 1	84° 4	82° 8	75° 5	90° 1	72° 0	18, 23	96° 0	9th	890	886		75° 9	77° 3	
July -	30° 025	30° 007	85° 8	84° 2	82° 2	76° 8	91° 5	73° 0	17, 26	97° 0	9th	894	895		73° 9	75° 3	
August -	29° 957	29° 933	84° 7	84° 2	82° 2	75° 5	88° 9	72° 0	21st	92° 0	1, 10, 11	944	926		81° 4	81° 2	
September -	957	922	83° 4	82° 6	81° 8	76° 5	87° 0	73° 0	26th	90° 0	1, 10, 13	918	880		82° 5	81° 2	
October -	29° 936	898	79° 1	79° 4	77° 7	73° 3	82° 0	67° 0	20th	87° 0	5th	823	801		84° 4	81° 4	
November -	30° 027	29° 983	74° 8	75° 9	73° 4	68° 3	78° 4	62° 0	13, 19	82° 0	1st	656	660		77° 1	74° 9	
December -	30° 086	30° 043	71° 2	72° 7	70° 6	66° 2	75° 0	59° 0	6th	80° 0	17, 21	627	632		82° 3	78° 9	
Year -	30° 022	29° 988	78° 4	78° 6	76° 8	71° 1	82° 4	—	—	—	—	770	761		80° 2	78° 9	

NOTE.—No observations were taken on Sundays during 1860.

## NASSAU, BAHAMAS (R.E.).

1861.	ins.	ins.										in.	in.	in.	%	%	%
January -	30° 108	30° 060	72° 2	74° 4	71° 9	67° 0	76° 8	63° 0	12, 30	81° 0	25, 28	689	681		88° 1	80° 9	
February -	092	050	72° 9	74° 7	72° 5	67° 5	77° 4	62° 0	18th	83° 0	18, 25	652	648		81° 2	76° 3	
March -	088	30° 053	74° 3	74° 2	72° 8	67° 0	78° 6	60° 0	18th	85° 0	20th	660	637		79° 1	76° 6	
April -	30° 018	29° 981	80° 0	78° 6	76° 4	68° 8	84° 0	63° 0	11th	91° 0	29th	696	682		69° 5	71° 0	
May -	29° 944	925	83° 3	83° 2	81° 4	73° 6	89° 1	68° 0	27th	97° 0	8th	812	801		73° 4	72° 5	
June -	29° 987	29° 972	83° 8	85° 0	82° 1	74° 8	89° 4	71° 0	7th, 17th	95° 0	25, 26	872	851		77° 3	73° 0	
July -	30° 032	30° 022	87° 0	87° 6	83° 9	76° 1	91° 6	74° 0	4, 11, 31	97° 0	23rd	873	888		70° 2	70° 3	
August -	30° 007	29° 988	86° 4	87° 1	83° 5	75° 6	91° 3	72° 0	1st, 16th	96° 0	29th	895	896		73° 4	71° 9	
September -	29° 999	959	85° 8	86° 9	83° 7	76° 1	91° 3	73° 0	23rd	95° 0	24th	886	884		73° 7	71° 0	
October -	29° 954	906	83° 0	84° 2	81° 7	74° 8	88° 6	72° 0	17, 30	94° 0	9th	857	865		77° 8	75° 9	
November -	30° 031	29° 994	76° 2	77° 6	75° 0	69° 4	80° 5	65° 0	15, 19, 25	87° 0	4th	658	653		73° 7	70° 1	
December -	30° 111	30° 085	73° 8	74° 7	73° 2	68° 0	78° 3	60° 0	26th	85° 0	3rd	626	609		76° 1	71° 8	
Year -	30° 031	30° 000	79° 9	80° 7	78° 2	71° 6	84° 7	—	—	—	—	765	758		76° 1	73° 4	

NOTE.—No observations were taken on Sundays during 1861.

## NASSAU, BAHAMAS (R.E.).

1862.	ins.	ins.										in.	in.	in.	%	%	%
January -	30° 150	30° 100	73° 2	76° 1	72° 5	65° 9	79° 0	58° 0	3rd	83° 0	7th, 22nd	655	652		80° 9	73° 3	
February -	127	069	75° 1	79° 2	74° 1	66° 5	81° 6	62° 0	5th	85° 0	10, 25	671	673		78° 0	68° 7	
March -	30° 052	30° 012	75° 3	77° 8	73° 7	65° 2	82° 2	57° 0	8th	91° 0	17, 22	639	615		73° 2	65° 2	
April -																	
May -																	
June -																	
July -																	
August -																	
September -																	
October -																	
November -																	
December -																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations were taken on Sundays during 1862.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BAHAMAS.

1859.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	7.3	6.8		1.970	1.500	4th	8																
February -	7.7	6.9		3.820	—	—	8																
March -	8.1	6.5		1.834	.606	24th	6																
April -	7.2	6.4		0.660	—	—	3																
May -	7.1	6.6		8.422	3.330	11th	11																
June -	7.7	7.7		6.890	2.160	18th	12																
July -	7.6	6.7		3.240	1.270	9th	11																
August -	8.1	8.1		7.330	—	—	18																
September	7.2	7.0		3.510	.880	6th	16																
October -	8.2	8.2		7.010	1.200	18th	17																
November	6.3	6.3		3.370	1.290	8th	13																
December	6.1	5.9		1.080	.560	17th	9																
Year -	7.4	6.9		49.136	—	—	132																

NOTE.—No observations were taken on Sundays during 1859.

BAHAMAS.

1860.				ins.	ins.																	
January -	6.7	7.5		3.700	1.900	26th	10															
February -	6.8	6.1		1.430	.430	3rd	7															
March -	5.7	5.5		4.170	—	—	10															
April -	6.4	5.5		6.300	2.190	28th	5															
May -	5.6	6.5		5.200	—	—	11															
June -	7.3	7.4		3.590	—	—	4															
July -	7.5	6.2		9.580	2.400	26th	11															
August -	7.5	6.7		10.250	—	—	16															
September -	8.0	8.0		4.000	1.000	6th	15															
October -	7.1	7.2		16.160	5.380	17th	11															
November -	5.6	4.9		0.450	—	—	4															
December -	5.9	6.2		0.840	.290	5th	9															
Year -	6.7	6.5		65.670	—	—	113															

NOTE.—No observations were taken on Sundays during 1860.

BAHAMAS.

1861.				ins.	ins.																	
January -	6.7	5.9		1.990	.800	17th	10															
February -	6.3	6.2		0.590	.230	6th	7															
March -	6.6	6.0		2.030	.660	12th	9															
April -	5.4	5.9		0.960	.520	5th	6															
May -	6.6	6.9		5.590	1.800	15th	12															
June -	7.0	7.1		10.070	3.000	10th	16															
July -	6.9	6.7		3.080	—	—	17															
August -	6.4	5.9		4.010	1.200	15th	13															
September -	6.3	6.6		2.390	.600	10th	14															
October -	7.0	6.9		3.880	.850	1st	18															
November -	6.0	4.7		1.960	.850	29th	8															
December -	5.8	5.5		1.460	1.000	4th	6															
Year -	6.4	6.2		38.010	—	—	136															

NOTE.—No observations were taken on Sundays during 1861.

BAHAMAS.

1862.				ins.	ins.																	
January -	5.0	4.6		0.950	.270	23rd	7															
February -	5.4	4.9		1.750	.600	13th	6															
March -	6.8	5.7		0.080	.030	4, 22	3															
April -																						
May -																						
June -																						
July -																						
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—															

NOTE.—No observations were taken on Sundays during 1862.



NASSAU, BAHAMAS (A.M.D.).

Long. 77° 20' W. Lat. 25° 4' N. Height above Mean Sea Level, 78 feet.

1864.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.											in.	in.		%	%	
January -	30°106		71°8		71°5	67°4	75°5	62°0	—	79°5	—	572			73		
February -	30°054		69°7		69°4	65°0	73°7	60°0	—	79°0	—	518			71		
March -	29°934		72°3		71°4	66°2	76°6	59°5	—	84°0	—	574			73		
April -	085		73°6		72°2	66°8	77°6	59°0	—	84°0	—	601			73		
May -	29°864		76°0		74°8	69°4	80°2	64°5	—	84°0	—	611			69		
June -	30°010		80°8		79°6	74°3	84°8	68°0	—	88°0	—	569			54		
July -	034		81°8		80°4	75°5	85°2	70°0	—	89°5	—	781			72		
August -	30°020		81°2		80°2	76°4	83°9	71°5	—	88°0	—	823			77		
September	29°983		81°0		80°3	76°0	84°5	73°0	—	86°0	—	835			79		
October -	29°945		77°7		77°6	72°9	82°3	66°0	—	87°5	—	727			76		
November	30°036		74°6		75°5	70°8	80°2	60°0	—	84°0	—	685			80		
December	30°048		74°2		73°6	68°9	78°2	60°5	—	81°0	—	638			75		
Year -	30°002		76°2		75°5	70°8	80°2	—	—	—	—	661			72°7		

NASSAU, BAHAMAS (A.M.D.).

1865.	ins.									in.	in.	%.	%.
January -	30°074	70°8	69°4	63°5	75°2	56°0	—	80°0	—	°582		77	
February -	°088	71°7	69°0	62°8	75°1	53°0	—	79°0	—	°642		83	
March -	°092	76°1	73°1	67°2	79°0	62°0	—	84°0	—	°663		74	
April -	°085	79°1	75°7	68°5	82°9	65°5	—	86°0	—	°645		65	
May -	°000	80°2	77°9	70°4	85°4	67°5	—	89°0	—	°738		71	
June -	°020	85°7	81°8	72°2	91°4	68°0	—	98°0	—	°756		61	
July -	30°066	86°2	85°1	73°8	96°3	70°0	—	99°5	—	°838		66	
August -	29°967	84°9	84°3	72°6	95°9	69°0	—	98°0	—	°870		72	
September -	°979	83°2	83°0	73°1	92°8	70°0	—	95°0	—	°816		72	
October -	29°946	79°8	79°2	70°1	88°2	66°0	—	93°0	—	°820		81	
November -	30°077	76°7	75°3	66°3	84°2	58°0	—	88°0	—	°715		78	
December -	—	77°4	74°7	65°3	84°0	52°5	—	89°0	—	°776		82	
Year -	—	79°3	77°4	68°8	85°9	—	—	—	—	°738		73°5	

NASSAU, BAHAMAS (A.M.D.).

[illegible]

NOTE.—The instruments were destroyed in a hurricane on October 1st, 1866.

NASSAU, BAHAMAS (A.M.D.).

Long. 77° 21' W. Lat. 25° 5' N. Height above Mean Sea Level, 44 feet.

1868.	ins.	ins.										in.	in.	in.	%	%	%
January -																	
February -																	
March -																	
April -																	
May -																	
June -																	
July -																	
August —	—	—	85°7	85°3	—	71°5	—	68°0	20th	—	—	°846	°808		68	66	
September —	—	—	85°2	84°2	—	71°2	—	68°0	1st, 28th	—	—	°836	°856		68	73	
October -	—	—	82°4	81°9	—	70°2	—	66°0	31st	—	—	°822	°806		74	74	
November —	—	—	77°5	76°5	74°4	65°8	82°9	61°0	27th	89°0	29th	°627	°620		67	68	
December —	—	—	71°9	72°3	70°5	60°7	80°2	48°0	25th	91°0	6th, 7th	°597	°570		76	72	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

Thermometers, 7 feet above ground. Rain-gauge, 22 feet above ground.

BAHAMAS.

1864.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	4.6			ins.	ins.									20	—	31	—	9	—	2	—	0	
February -	3.4			3.930	—	—	7							27	—	22	—	4	—	5	—	0	
March -	4.2			2.000	—	—	9							16	—	18	—	17	—	11	—	0	
April -	3.9			4.960	—	—	4							20	—	21	—	8	—	11	—	0	
May -	4.7			14.230	—	—	10							16	—	31	—	11	—	4	—	0	
June -	5.6			10.790	—	—	13							7	—	37	—	16	—	0	—	0	
July -	5.5			14.600	—	—	13							3	—	43	—	16	—	0	—	0	
August -	5.7			16.270	—	—	17							10	—	38	—	13	—	1	—	0	
September -	4.4			5.370	—	—	10							10	—	38	—	9	—	3	—	0	
October -	5.0			7.900	—	—	10							23	—	26	—	10	—	3	—	0	
November -	4.7			5.490	—	—	7							26	—	25	—	7	—	2	—	0	
December	5.2			0.500	—	—	1							17	—	29	—	13	—	3	—	0	
Year -	4.7			89.480	—	—	108							195	—	359	—	133	—	45	—	0	

BAHAMAS.

[illegible]

BAHAMAS.

1866.				ins.	ins.															
January -	5.6	5.6		1.970	1.520	8th	2	0	0	0		6	27	14	7	0	0	0	8	0
February -	5.2	5.4		3.320	2.600	15th	2	0	0	0		3	18	10	14	0	1	1	9	0
March -	4.9	4.8		4.650	2.090	26th	4	0	0	0		0	47	2	4	1	3	0	5	0
April -	5.6	5.6		6.130	3.000	19th	4	0	0	0		2	23	12	16	4	1	0	2	0
May -	6.3	6.1		4.540	2.650	25th	2	0	0	0		9	5	1	18	19	1	0	9	0
June -	5.7	5.3		3.270	1.720	19th	3	0	0	0		0	13	18	19	10	0	0	0	0
July -	6.0	5.9		7.960	2.640	3rd	10	0	0	0		0	5	14	24	18	1	0	0	0
August -	4.8	5.1		11.990	3.040	14th	8	0	0	0		0	0	9	26	27	0	0	0	0
September	—	—		—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—
October -	—	—		—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—
November	—	—		—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—
December	—	—		—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—

Thermometers, 2 feet above ground. Rain-guage, on or near the ground.

BAHAMAS.

1868.				ins.	ins.														
January -																			
February -																			
March -																			
April -																			
May -																			
June -																			
July -																			
August -	4'9	5'1		7'910	2'020	25th	21	0	0	5		0	41	9	12	0	0	0	0
September	5'2	5'7		3'360	'650	13, 30	16	0	0	3		6	40	4	10	0	0	0	0
October -	5'1	5'1		5'400	1'690	2nd	21	0	0	1		0	43	10	9	0	0	0	0
November	5'3	5'1		2'190	1'480	2nd	11	0	0	0		14	29	0	7	1	1	0	8
December	6'1	5'8		2'090	'920	23rd	15	0	0	1		0	29	0	6	0	5	2	20
Year -	—	—		—	—	—	—	—	—	—		—	—	—	—	—	—	—	—



## NASSAU, BAHAMAS (A.M.D.).

Long. 77° 21' W. Lat. 25° 5' N. Height above Mean Sea Level, 44 feet.

1869.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins.	ins.	74° 7	75° 9	73° 2	64° 1	82° 3	59° 0	31st	88° 0	19, 24	·679	·703	in.	78	79	%	
February -	—	—	74° 1	75° 4	72° 2	62° 3	82° 1	58° 0	8th, 28th	90° 0	24, 27	·628	·606	—	75	69	—	
March -	—	—	75° 1	77° 3	71° 9	61° 1	82° 7	49° 0	2nd	88° 0	12, 31	·625	·634	—	72	68	—	
April -	—	—	78° 5	79° 1	74° 6	63° 9	85° 3	54° 0	16th	93° 0	22, 30	·685	·751 <sup>1</sup>	—	70	74 <sup>1</sup>	—	
May -	—	—	81° 0	81° 2	77° 3	66° 9	87° 6	61° 0	23rd	93° 0	1st, 19th	·656	·642	—	62	60	—	
June -	—	—	84° 4	86° 8	—	71° 4	—	63° 0	12th	—	—	·858	·828	—	72	65	—	
July -	—	—	87° 0	89° 5	—	71° 1	—	67° 0	31st	—	—	·867	·874	—	68	63	—	
August -	—	—	86° 4	87° 4	—	71° 0	—	66° 0	2nd, 4th	—	—	·848	·943	—	67	73	—	
September -	—	—	—	—	—	70° 2	—	64° 0	7th	—	—	—	—	—	—	—	—	
October -	—	—	—	—	76° 8 <sup>2</sup>	67° 4 <sup>2</sup>	86° 2 <sup>2</sup>	—	—	93° 0	2nd, 13th	—	—	—	—	—	—	
November -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

## NASSAU, BAHAMAS (A.M.D.).

1870.	ins.	ins.	°	°	°	°	82° 7	°	—	88° 0	30th	in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	81° 5 <sup>3</sup>	—	—	88° 0	16, 17	—	—	—	—	—	—
February -	—	—	—	—	—	—	83° 5 <sup>1</sup>	—	—	92° 0	14th	—	—	—	—	—	—
March -	—	—	—	—	—	—	83° 0	—	—	90° 0	1st, 30th	—	—	—	—	—	—
April -	—	—	—	—	—	—	88° 8 <sup>1</sup>	—	—	94° 0	3rd, 28th	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	102° 0	21st	·969	1° 007	—	79	79	—
June -	—	—	85° 2	87° 0	—	—	94° 7	—	—	106° 0	14th	1° 062	1° 048	—	81	78	—
July -	—	—	87° 6	88° 5	—	—	96° 8	—	—	—	—	—	—	—	—	—	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	—	—	87° 0	87° 1	—	—	97° 8	—	—	109° 0	27th	1° 092	1° 038	—	85	88	—
October -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November -	—	—	78° 8	75° 2	—	—	87° 8	—	—	98° 0	12th	·848	·753	—	87	86	—
December -	—	—	74° 6	73° 3	—	—	85° 7	—	—	97° 0	22nd	·705	·683	—	82	83	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## NASSAU, BAHAMAS (A.M.D.).

1871.	ins.	ins.	°	°	°	°	81° 7	°	—	96° 0	28th	in.	in.	in.	%	%	%
January -	—	—	73° 0	67° 8	—	—	86° 3	—	—	97° 0	16th	·615	·507	—	76	75	—
February -	—	—	75° 6	71° 7	—	—	87° 0 <sup>1</sup>	—	—	95° 0	2nd, 30th	·621	·535	—	70	68	—
March -	—	—	77° 6	71° 5	—	—	—	—	—	—	—	·679	·527	—	72	68	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	86° 8	84° 9	85° 4	74° 3	96° 4	70° 0	28th	102° 0	15th	·828	·814	—	65	67	—
August -	—	—	83° 3	80° 7	81° 5 <sup>3</sup>	74° 3 <sup>3</sup>	87° 7	68° 0	20th	99° 0	2nd	·866	·813	—	76	78	—
September -	—	—	82° 5	80° 3	—	—	88° 9	—	—	100° 0	4th	·905	·877	—	82	85	—
October -	—	—	81° 8	79° 3	—	—	87° 8	—	—	92° 0	3rd, 8th	·872	·833	—	81	83	—
November -	29° 997	29° 974	79° 0	76° 9	—	—	84° 5	—	—	89° 0	1st	·736	·716	—	74	77	—
December -	30° 107	30° 074	75° 9	73° 5	—	—	80° 0	—	—	85° 0	2nd	·651	·629	—	73	77	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## NASSAU, BAHAMAS (A.M.D.).

1872.	ins.	ins.	°	°	°	°	77° 4	°	—	85° 0	27, 28	in.	in.	in.	%	%	%
January -	30° 051	30° 018	73° 5	71° 2	—	—	79° 7	—	—	85° 0	8th	·568	·579	—	69	75	—
February -	29° 987	29° 936	73° 5	71° 0	—	—	81° 2	—	—	87° 0	7th, 8th	·593	·574	—	72	75	—
March -	30° 031	·986	74° 1	72° 1	—	—	87° 8	—	—	96° 0	10th	·606	·584	—	72	75	—
April -	·018	·984	80° 7	77° 7	—	—	85° 2	—	—	90° 0	13, 18, 24	·677	·651	—	65	68	—
May -	·016	·983	80° 6	77° 3	—	—	89° 3	—	—	95° 0	3rd	·787	·726	—	76	77	—
June -	·120	29° 987	82° 8	80° 3	—	—	89° 1	—	—	95° 0	31st	·899	·862	—	81	83	—
July -	30° 027	30° 000	83° 6	81° 0	—	—	93° 1	—	—	99° 0	29th	·926	·897	—	81	85	—
August -	29° 981	29° 955	85° 3	85° 7	—	—	91° 2	—	—	95° 0	1st, 4th	·953	·894	—	78	72	—
September -	·958	·919	85° 1	86° 4	—	—	86° 7	—	—	96° 0	2nd	·946	·979	—	78	77	—
October -	·905	·881	81° 0	82° 0	—	—	84° 4	—	—	90° 0	12th	·821	·902	—	78	83	—
November -	29° 994	29° 962	80° 9	81° 4	—	—	80° 8	—	—	86° 0	26th	·818	·865	—	78	81	—
December -	30° 073	30° 014	77° 9	79° 3	—	—	—	—	—	—	—	·560	·638	—	58	64	—
Year -	30° 013	29° 969	79° 9	78° 8	—	—	85° 4	—	—	—	—	·763	·763	—	73·8	76·3	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BAHAMAS.

1869.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	5.8	5.8		3.500	1.380	30th	16	0	0	0				0	43	2	10	0	0	0	7	0
February -	5.4	5.3		1.040	.490	27th	13	0	0	0				0	30	0	16	0	0	0	10	0
March -	4.2	5.0		2.770	1.700	21st	3	0	0	0				1	25	5	14	1	2	1	13	0
April -	4.8	5.4		2.540	1.750	7th	10	0	0	2				1	31	6	7	2	6	0	7	0
May -	6.2	5.5		4.420	1.190	14th	13	0	0	2				3	12	9	23	1	6	2	4	2
June -	5.5	4.4		9.400	2.000	8th	15	0	0	6				0	10	38	6	0	0	0	2	4
July -	6.2	2.7		4.970	.850	30th	22	0	0	12				0	3	42	13	0	0	0	0	4
August -	5.4	4.6		7.950	3.800	8th	20	0	0	3				0	5	31	13	10	1	1	0	1
September -	5.5	5.2		7.910	1.900	15th	16	0	0	2				0	16	34	6	4	0	0	0	0
October -	5.9	5.4 <sup>1</sup>		4.510	1.150	21st	11	0	0	0				0	31	2	0	2	14	0	1	12
November -	4.1	4.0		1.550	.800	14th	4	0	0	0				0	21	10	1	0	0	0	5	23
December -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

BAHAMAS.

				ins.	ins.																	
1870.																						
January -	4.2	2.6		3.410	2.500	28th	12	0	0	1				0	21	9	21	6	1	2	2	0
February -	4.5	3.0		1.910	1.290	4th	12	0	0	1				1	12	2	11	2	5	2	20	1
March -	4.5	3.2		0.700	.340	15th	8	0	0	1				1	16	14	16	2	7	0	4	2
April -	4.6	1.6		2.970	1.170	10th	6	0	0	3				4	14	16	5	4	6	9	2	0
May -	6.7	4.9		9.260	2.500	23rd	18	0	0	8				7	9	13	18	5	3	3	3	1
June -	5.1	5.0		3.330	1.280	2nd	16	0	0	8				0	5	21	23	0	7	4	0	0
July -	4.9	4.0		1.520	.780	4th	9	0	0	8				0	0	14	48	0	0	0	0	0
August -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
September -	3.9	4.2		4.710	1.560	6th	14	0	0	12				0	10	17	30	2	0	0	0	1
October -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
November -	3.9	4.1		1.090	1.000	22nd	2	0	0	0				5	41	8	2	1	0	3	0	0
December -	4.1	3.9		0.960	.270	5th	5	0	0	0				0	34	1	14	0	0	0	13	0
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

BAHAMAS.

				ins.	ins.																	
1871.																						
January -	4.7	4.4		2.920	.770	20th	10	0	0	0				1	48	0	7	0	0	0	6	0
February -	4.3	4.6		0.700	.410	18th	3	0	0	0				3	32	4	12	0	0	0	5	0
March -	4.6	3.9		0.410	.270	18th	3	0	0	0				1	26	6	28	1	0	0	0	0
April -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
May -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
June -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
July -	5.5	5.2		8.040	1.500	21st	17	0	0	12				1	12	0	35	1	7	3	3	0
August -	5.7	5.0		12.410	3.100	23rd	15	0	0	6				1	10	2	41	0	5	0	3	0
September -	5.1	5.1		10.550	2.700	8th	12	0	0	9				4	10	2	37	2	5	0	0	0
October -	4.9	5.5		10.630	2.500	5th	11	0	0	8				5	29	6	20	1	0	0	1	0
November -	5.4	5.3		0.780	.330	24th	3	0	0	1				0	36	3	15	0	1	0	5	0
December -	5.5	6.0		3.740	2.050	5th	7	0	0	0				7	32	1	4	2	2	0	14	0
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

BAHAMAS.

				ins.	ins.																	
1872.																						
January -	6.0	5.9		1.990	.770	29th	4	0	0	0				7	30	0	4	1	5	1	14	0
February -	5.0	5.2		1.120	.700	3rd	3	0	0	0				3	14	0	15	0	12	3	11	0
March -	5.2	4.9		1.100	.700	27th	2	0	0	0				9	20	0	24	0	3	2	4	0
April -	4.7	4.8		2.450	1.700	28th	2	0	0	3				1	30	0	23	0	2	1	3	0
May -	5.9	5.3		4.780	1.800	4th	8	0	0	5				4	20	1	34	1	0	0	2	0
June -	5.1	5.2		3.570	1.100	19th	8	0	0	12				0	11	0	41	0	6	2	0	0
July -	5.5	4.8		13.290	3.130	30th	11	0	0	13				2	38	1	20	1	0	0	0	0
August -	5.4	5.2		14.360	2.080	5th	16	0	0	11				2	20	0	32	2	0	4	2	0
September -	5.1	5.2		9.020	3.500	18th	11	0	0	11				1	21	1	26	0	8	1	2	0
October -	6.0	5.4		6.350	1.200	22nd	10	0	0	0				0	45	0	15	0	1	0	1	0
November -	4.8	5.2		4.540	2.000	6th	4	0	0	4				0	39	0	18	1	0	0	2	0
December -	5.4	5.2		1.410	.700	27th	4	0	0	0				0	35	0	21	1	3	0	2	0
Year -	5.3	5.2		63.980	—	—	83	0	0	59				29	323	3	273	7	40	14	43	0

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## NASSAU, BAHAMAS (A.M.D.).

Long. 77° 21' W. Lat. 25° 5' N. Height above Mean Sea Level, 44 feet.

1873.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.005	29.965	77.9	79.1	—	—	82.4	—	—	87.5	3rd	.671	.734	—	70	74	—
February -	.081	30.032	77.6	79.4	—	—	84.2	—	—	87.0	5th	.668	.729	—	71	72	—
March -	.086	30.051	74.7	76.9	—	—	81.9	—	—	85.0	18, 27, 28	.728	.777	—	84	83	—
April -	30.021	29.995	—	—	—	—	83.1	—	—	88.0	8th	—	—	—	—	—	—
May -	29.970	.937	—	—	—	—	84.8	—	—	92.0	7th	—	—	—	—	—	—
June -	30.012	29.979	—	—	—	—	87.3	—	—	95.0	30th	—	—	—	—	—	—
July -	.058	30.008	—	—	—	—	92.5	—	—	98.5	29th	—	—	—	—	—	—
August -	30.034	29.994	—	—	—	—	94.3	—	—	98.0	25th	—	—	—	—	—	—
September -	29.989	.945	—	—	—	—	94.4	—	—	99.0	2, 10	—	—	—	—	—	—
October -	29.946	.914	—	—	—	—	86.7	—	—	95.0	1st	—	—	—	—	—	—
November -	30.045	29.997	—	—	—	—	83.4	—	—	95.3	8th	—	—	—	—	—	—
December -	30.140	30.084	—	—	—	—	80.6	—	—	85.8	2nd	—	—	—	—	—	—
Year -	30.032	29.992	—	—	—	—	86.3	—	—	—	—	—	—	—	—	—	—

## NASSAU, BAHAMAS (A.M.D.).

1874.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.186	30.130	71.7	71.6	—	—	79.2	—	—	87.0	18th	.556	.539	—	72	69	—
February -	.149	.085	74.1	76.9	—	—	83.6	—	—	86.7	25th	.644	.667	—	77	72	—
March -	.113	.058	76.9	79.0	—	—	84.8	—	—	89.0	1st	.625	.658	—	67	66	—
April -	.122	30.065	79.8	80.3	—	—	86.8	—	—	89.5	8th, 21st	.653	.693	—	64	67	—
May -	.022	29.990	79.4	81.7	—	—	87.7	—	—	90.5	28th	.693	.743	—	68	69	—
June -	.077	30.049	83.4	85.1	—	—	92.2	—	—	96.3	8th	.795	.848	—	69	70	—
July -	.080	30.050	84.6	84.2	—	—	92.4	—	—	95.0	8th, 23rd	.832	.866	—	75	73	—
August -	30.004	29.974	83.4	84.3	83.4	75.1	91.7	71.3	15th	95.0	3rd	.870	.918	—	76	78	—
September -	29.988	.952	82.9	84.1	81.9	74.1	89.7	71.2	10th	93.0	8th	.858	.906	—	76	78	—
October -	29.976	29.933	79.0	79.4	78.5	72.0	85.0	68.5	8th	89.0	3rd	.816	.850	—	83	85	—
November -	30.065	30.013	76.8	78.3	77.0	70.4	83.6	64.8	22nd	88.2	9th	.792	.829	—	86	86	—
December -	30.151	30.096	73.5	74.9	74.1	67.9	80.2	64.5	17th	84.7	5th	.710	.751	—	86	86	—
Year -	30.078	30.033	78.6	80.0	—	—	86.4	—	—	—	—	.737	.772	—	74.9	74.9	—

## NASSAU, BAHAMAS (A.M.D.).

1875.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.172	30.114	74.5	76.8	75.8	67.7	83.8	63.5	14th	86.3	8th, 15th	.746	.795	—	87	86	—
February -	.154	.101	74.5	76.5	75.2	67.8	82.6	64.3	16th	86.8	22nd	.734	.770	—	85	84	—
March -	.130	.085	76.2	78.5	76.7	69.3	84.0	63.5	8th	88.5	14th	.752	.806	—	84	82	—
April -	.075	.038	75.6	77.4	75.3	67.3	83.2	60.5	18th	87.8	22nd	.620	.624	—	69	69	—
May -	.061	.026	79.8	80.9	78.6	71.0	86.1	67.3	15th	88.9	10, 30	.711	.743	—	69	70	—
June -	.142	.118	82.1	83.2	79.2	70.6	87.8	68.8	5th	91.5	24th	.726	.764	—	66	63	—
July -	.129	.104	84.5	84.7	81.3	74.1	88.5	69.1	8th	95.2	14th	.748	.757	—	63	64	—
August -	.091	.062	85.4	85.4	81.8	74.1	89.4	67.3	7th	92.2	21st, 23rd	.763	.741	—	63	61	—
September -	.084	.043	85.2	85.6	81.1	74.7	87.5	72.4	22, 26	89.4	28th	.778	.751	—	63	61	—
October -	.080	.031	81.7	81.0	78.7	72.8	84.5	69.1	12th	89.1	2nd	.766	.757	—	71	72	—
November -	.132	.080	79.3	79.8	76.2	70.0	82.4	64.2	3rd	86.2	8th, 11th	.720	.720	—	72	70	—
December -	30.146	30.096	74.6	75.8	70.7	64.7	76.7	49.2	15th	86.4	2nd	.586	.617	—	67	69	—
Year -	30.116	30.075	79.5	80.5	77.5	70.3	84.7	—	—	—	—	.721	.737	—	71.6	70.9	—

## NASSAU, BAHAMAS (A.M.D.).

1876.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.243	30.195	73.4	75.1	71.8	66.8	76.8	59.5	26th	80.7	31st	.564	.573	—	63	58	—
February -	.168	.122	74.7	76.4	72.4	66.2	78.6	61.3	5th	83.6	3rd	.611	.625	—	70	67	—
March -	.122	.088	73.9	76.5	72.3	66.3	78.2	60.1	9th	83.2	17th	.573	.635	—	68	69	—
April -	.104	.068	77.9	78.9	75.5	67.5	83.5	61.4	8th	89.1	29th	.636	.656	—	65	68	—
May -	.055	.031	80.9	81.4	79.0	71.5	86.5	67.1	13th	93.6	2nd	.718	.729	—	68	67	—
June -	.055	.032	82.0	82.8	81.0	73.9	88.0	70.1	3rd	91.2	5th	.793	.773	—	72	70	—
July -	.090	.072	85.6	86.4	82.7	74.6	90.7	72.4	24, 27	94.6	18th	.787	.791	—	63	62	—
August -	30.056	30.025	84.8	87.1	82.8	74.7	90.9	71.6	23rd	94.5	5th	.754	.749	—	66	60	—
September -	29.982	29.952	82.8	83.0	81.1	73.0	89.1	65.8	27th	94.5	15th	.820	.821	—	74	72	—
October -	29.966	.942	81.1	79.1	80.2	73.8	86.6	67.5	22nd	95.7	15th	.781	.761	—	73	75	—
November -	30.009	29.976	74.6	73.2	73.9	67.7	80.1	60.0	30th	87.0	2nd	.636	.626	—	74	75	—
December -	30.073	30.041	70.6	71.2	71.1	65.8	76.3	53.5	1st	85.0	7th	.600	.584	—	73	72	—
Year -	30.077	30.045	78.5	79.3	77.0	70.2	83.8	—	—	—	—	.689	.694	—	69.1	67.9	—

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BAHAMAS.

1873.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	5.4	5.7		ins. 3.510	ins. 1.000	24th	7	0	0	2				2	28	1	25	0	1	0	5	0	
February -	4.0	5.3		1.380	1.100	14th	3	0	0	0				0	24	0	21	0	6	0	5	0	
March -	5.2	4.8		0.560	.500	18th	2	0	0	0				1	39	0	19	0	3	0	0	0	
April -	5.1	5.1		1.750	1.100	2nd	3	0	0	3				1	29	0	16	0	5	0	9	0	
May -	5.2	5.1		6.970	1.900	29th	10	0	0	6				1	18	2	33	0	5	0	3	0	
June -	5.0	4.9		3.170	1.000	29th	5	0	0	1				0	12	3	43	1	1	0	0	0	
July -	5.8	5.9		11.550	1.800	10th	16	0	0	9				0	40	0	8	0	8	1	5	0	
August -	5.8	3.5		5.760	1.800	20th	11	0	0	9				1	48	1	11	0	1	0	0	0	
September	5.5	5.6		14.750	3.100	15th	19	0	0	8				0	35	1	23	0	1	0	0	0	
October -	5.4	5.3		6.880	1.550	4th	12	0	0	0				1	32	0	15	0	4	0	10	0	
November	4.3	4.6		2.010	1.010	11th	9	0	0	1				5	18	0	12	3	6	3	13	0	
December	4.8	5.4		3.390	2.150	15th	11	0	0	0				7	38	1	6	0	2	0	8	0	
Year -	5.1	5.1		61.680	---	---	108	0	0	39				19	361	9	232	4	43	4	58	0	

BAHAMAS.

1874.				ins. 9.690	ins. 4.500	4th	5	0	0	3				0	40	1	6	0	3	0	12	0
January -	5.6	5.4		0.200	.100	9, 25	2	0	0	0				1	24	0	23	1	5	0	2	0
February -	5.0	5.1		0.160	.050	9, 27	4	0	0	0				1	22	0	20	0	6	1	12	0
March -	5.4	4.9		1.090	1.000	25th	3	0	0	2				0	14	2	33	0	2	0	9	0
April -	6.3	5.5		6.330	3.500	12th	11	0	0	7				0	36	0	19	1	1	0	5	0
May -	5.2	5.0		4.780	1.200	3rd	11	0	0	6				36	0	0	22	0	1	0	1	0
June -	6.4	6.0		8.090	1.400	7th	21	0	0	14				0	33	0	19	1	7	0	2	0
July -	6.7	6.3		7.760	1.300	5th	15	0	0	12				0	24	0	21	0	9	1	7	0
August -	6.6	6.1		5.050	1.060	11th	22	0	0	5				0	33	0	16	0	5	0	4	2
September -	6.8	6.2		7.950	3.110	1st	15	0	0	1				6	48	1	2	1	0	0	4	0
October -	6.2	5.9		1.320	.370	29th	8	0	0	0				9	24	7	5	0	7	2	5	1
November -	6.1	6.0		0.970	.520	7th	4	0	0	0				6	47	0	5	0	0	1	3	0
December -	5.6	6.2																				
Year -	6.0	5.7		53.390	---	---	121	0	0	50				59	345	11	191	4	46	5	66	3

BAHAMAS.

1875.				ins. 0.520	ins. .180	31st	7	0	0	1				1	23	3	28	2	0	0	3	2
January -	4.9	5.7		1.970	.900	5th	5	0	0	0				0	17	2	27	0	1	0	6	3
February -	5.8	5.8		0.640	.560	26th	3	0	0	2				8	15	7	24	0	1	0	7	0
March -	6.5	5.4		3.300	1.060	23rd	9	0	0	2				7	13	9	15	3	0	8	5	0
April -	6.2	5.5		6.610	1.770	5th	11	0	0	7				4	5	17	14	7	5	4	5	1
May -	6.8	6.0		4.460	1.900	30th	9	0	0	7				5	10	30	11	4	0	0	0	0
June -	6.4	5.9		4.520	2.090	1st	12	0	0	2				0	9	19	27	0	0	0	0	7
July -	6.4	5.6		4.520	1.200	7th	11	0	0	9				0	11	15	28	0	3	2	0	3
August -	5.6	6.0		1.850	.330	22nd	13	0	0	5				0	21	8	22	2	4	3	0	0
September -	6.5	6.2		9.400	2.150	18th	15	0	0	5				3	21	5	16	2	3	5	6	1
October -	7.2	7.0		3.620	1.860	12th	7	0	0	0				2	22	12	12	1	8	1	2	0
November -	6.0	5.1		0.700	.370	25th	3	0	0	1				4	21	11	2	4	7	6	7	0
December -	6.3	6.0																				
Year -	6.2	5.9		42.110	---	---	105	0	0	41				34	188	138	226	25	32	29	41	17

BAHAMAS.

1876.				ins. 0.640	ins. .260	28th	4	0	0	0				6	38	6	10	0	0	0	2	0
January -	6.3	6.3		2.420	1.250	4th	6	0	0	0				4	20	12	12	2	4	0	4	0
February -	7.8	7.4		2.290	1.890	25th	2	0	0	0				8	22	6	11	0	5	6	4	0
March -	4.1	6.6		2.140	1.560	16th	2	0	0	0				13	29	1	9	2	1	2	3	0
April -	6.9	6.7		14.170	5.200	28th	8	0	0	0				5	38	4	10	1	1	1	2	0
May -	7.8	7.2		11.640	4.940	10th	12	0	0	3				1	25	11	19	3	0	0	1	0
June -	8.3	8.2		3.070	.610	1st	12	0	0	6				1	27	4	28	2	0	0	0	0
July -	7.6	7.3		5.680	1.850	22nd	11	0	0	3				1	23	7	19	0	3	3	6	0
August -	7.9	7.8		20.480	5.610	15th	21	0	0	6				2	23	5	15	2	2	0	4	7
September -	6.1	7.1		4.620	1.520	14th	16	0	0	0				2	18	8	17	0	0	6	8	3
October -	4.8	4.1		5.700	3.330	8th	7	0	0	0				5	28	2	2	1	6	1	12	3
November -	5.1	5.9		2.600	1.730	10th	8	0	0	0				5	20	0	13	2	3	3	13	3
December -	4.5	3.8																				
Year -	6.4	6.5		75.450	---	---	109	0	0	18				53	311	66	165	15	25	22	59	16



## NASSAU, BAHAMAS (A.M.D.).

Long. 77° 21' W. Lat. 25° 5' N. Height above Mean Sea Level, 44 feet.

1877.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°							in.	in.	in.	%	%	%
January -	30° 127	30° 069	73° 0	74° 9	74° 0	68° 3	79° 7	61° 0	2nd	87° 0	24th	·635	·648		76	72	
February -	·060	·011	71° 4	74° 0	71° 1	63° 9	78° 3	54° 8	21st	85° 4	7th	·619	·643		79	78	
March -	30° 057	30° 016	74° 2	75° 4	73° 1	65° 9	80° 3	58° 8	27th	87° 8	14th	·592	·615		69	69	
April -	29° 993	29° 945	75° 7	77° 2	74° 8	66° 7	82° 8	60° 6	3rd	90° 2	20, 21	·590	·618		63	63	
May -	29° 950	29° 916	77° 4	78° 9	77° 7	70° 8	84° 6	62° 2	3rd	96° 0	24th	·720	·725		73	71	
June -	30° 043	30° 016	82° 8	84° 9	83° 0	74° 8	91° 2	71° 0	5th	100° 2	28th	·816	·831		72	68	
July -	30° 016	29° 983	83° 8	85° 6	82° 3	75° 3	89° 3	68° 5	1st	100° 0	6th	·854	·845		73	68	
August -	29° 982	·951	85° 3	86° 1	82° 8	76° 0	89° 6	72° 5	2nd	98° 0	23rd	·874	·879		71	69	
September	·934	·888	85° 9	86° 1	84° 0	76° 3	91° 6	73° 2	9th	99° 0	10th	·860	·867		68	69	
October -	·955	·902	82° 7	83° 0	81° 3	75° 3	87° 2	71° 0	22nd	95° 0	1st	·822	·814		69	71	
November	29° 975	29° 919	77° 4	77° 4	77° 0	71° 0	83° 0	60° 8	24th	99° 2	8th	·709	·704		73	73	
December	30° 065	30° 006	72° 7	73° 5	72° 3	67° 0	77° 5	60° 5	31st	85° 0	6th	·543	·557		67	65	
Year -	30° 013	29° 969	78° 5	79° 8	77° 8	70° 9	84° 6	—	—	—	—	·720	·729	.	71° 1	69° 7	

## NASSAU, BAHAMAS (A.M.D.).

1878.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30° 048	29° 993	69° 9	71° 1	69° 9	64° 0	75° 8	58° 5	1st, 2nd	84° 0	14th	·566	·556		75	71	
February -	29° 983	·933	71° 3	73° 7	71° 2	64° 5	77° 9	58° 8	10, 16	85° 0	10th	·568	·579		71	67	
March -	30° 017	·976	74° 4	76° 5	73° 9	67° 6	80° 1	62° 8	4th	89° 5	14th	·605	·619		68	67	
April -	29° 911	·873	78° 1	80° 2	76° 0	68° 6	83° 3	61° 5	7th	89° 8	2nd	·663	·664		68	62	
May -	·993	·964	80° 6	81° 6	78° 7	70° 7	86° 6	65° 2	8th	93° 8	29th	·692	·700		65	64	
June -	·966	·944	82° 9	85° 8	83° 1	75° 1	91° 1	69° 5	6th	96° 2	13th	·853	·868		74	74	
July -	·956	·937	84° 6	85° 6	84° 2	75° 9	92° 5	72° 0	7, 8, 16	96° 8	25th	·905	·890		76	73	
August -	·966	·939	85° 2	85° 6	83° 4	75° 6	91° 1	71° 0	23rd	97° 5	8th	·912	·933		74	75	
September -	·893	·854	84° 0	84° 0	81° 9	76° 1	87° 6	72° 5	21st	90° 0	18th	·900	·880		76	75	
October -	·933	·888	80° 1	80° 9	79° 3	73° 9	84° 6	69° 8	23rd	89° 2	6th	·791	·789		76	74	
November -	29° 996	29° 944	75° 5	75° 9	74° 5	68° 9	80° 0	60° 0	23rd	84° 8	27th	·682	·679		76	76	
December -	30° 076	30° 021	72° 1	73° 6	71° 9	66° 5	77° 3	61° 5	28th	82° 5	2nd, 15th	·580	·599		73	71	
Year -	29° 978	29° 939	78° 2	79° 4	77° 3	70° 6	84° 0	—	—	—	—	·726	·730		72° 7	70° 8	

## NASSAU, BAHAMAS (A.M.D.).

1879.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30° 138	30° 085	71° 3	73° 4	71° 2	64° 8	77° 6	58° 5	6, 19, 21	85° 0	16th	·609	·594		78	70	
February -	·055	·003	71° 5	74° 2	71° 3	64° 5	78° 1	57° 5	2nd	85° 0	8th	·577	·574		73	66	
March -	·095 <sup>1</sup>	30° 055	74° 2 <sup>1</sup>	75° 4	72° 8	65° 7 <sup>1</sup>	79° 9 <sup>1</sup>	57° 5	31st	85° 0	23rd	·589 <sup>1</sup>	·595		68 <sup>1</sup>	67	
April -	30° 016	29° 977	76° 7	78° 6	75° 3	67° 6	82° 9	59° 5	4th	88° 0	13, 16	·647	·659		69	67	
May -	29° 957	·924	79° 5	80° 3	76° 9	68° 9	84° 9	64° 5	1st, 2nd	89° 5	17, 18	·717	·730		70	69	
June -	29° 986	29° 956	81° 0	82° 2	79° 7	73° 1	86° 3	69° 8	2nd	90° 5	16th	·773	·783		73	70	
July -	30° 023	30° 006	84° 4	85° 1	82° 3	74° 2	90° 4	70° 0	3rd, 4th	95° 0	12, 13, 14	·836	·843		69	69	
August -	29° 948	29° 905	84° 8	86° 2	83° 2	75° 9	90° 5	70° 2	31st	94° 2	10, 31	·848	·846		70	66	
September -	·975	·933	83° 3	84° 4	81° 9	74° 4	89° 3	69° 5	28th	93° 2	20th	·843	·802		73	66	
October -	29° 957	·903	81° 3	81° 7	79° 8	74° 3	85° 2	71° 0	2nd	88° 5	10th	·793	·794		74	73	
November -	30° 050	29° 999	76° 4	77° 0	75° 6	70° 4	80° 7	61° 2	21st	85° 8	19th	·623	·649		67	69	
December -	30° 106	30° 053	74° 7	76° 4	73° 7	67° 5	79° 9	62° 5	6th	84° 2	12th	·663	·648		76	70	
Year -	30° 026	29° 983	78° 3	79° 6	77° 0	70° 1	83° 8	—	—	—	—	·710	·710		71° 7	68° 5	

## NASSAU, BAHAMAS (A.M.D.).

1880.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30° 036	29° 987	73° 7	75° 9	73° 4	67° 5	79° 2	60° 2	21st	82° 8	23rd	·630	·643		75	71	
February -	·104	30° 056	74° 5 <sup>1</sup>	77° 4 <sup>1</sup>	73° 8	66° 0 <sup>1</sup>	81° 5 <sup>1</sup>	60° 5	23rd	87° 5	15th	·652 <sup>1</sup>	·650 <sup>1</sup>		75 <sup>1</sup>	68 <sup>1</sup>	
March -	·078	·034	76° 5	79° 4	74° 4	65° 9	82° 9	59° 2	27th	88° 5	17th	·588	·612		63	60	
April -	30° 113	30° 061	78° 7	81° 0	75° 8	66° 5	85° 0	58° 5	11th	89° 5	30th	·586	·626		59	57	
May -	29° 999	29° 967	79° 4	79° 9	77° 8	70° 9	84° 6	66° 5	6th	93° 2	6th	·719	·714		70	68	
June -	30° 038	30° 017	83° 2	83° 6	81° 1	72° 7	89° 5	65° 5	17th	98° 0	27th	·800	·819		69	71	
July -	30° 043	30° 021	85° 8	86° 6	83° 5	74° 2	92° 7	70° 5	3rd, 7th	99° 0	24th	·835	·880		67	68	
August -	29° 965	29° 933	83° 3	85° 5	82° 2	75° 1	89° 3	69° 5	19th	92° 8	11th	·838	·832		75	73	
September -	·967	·920	82° 3	83° 6	80° 6	73° 9	87° 3	71° 0	29th	91° 5	24th	·820	·799		70	69	
October -	29° 975	29° 923	80° 4	81° 5	—	71° 9	—	68° 0	16, 31	—	—	·734	·722		70	66	
November -	30° 079	30° 016	78° 8	80° 3	—	71° 0	—	65° 5	2nd	—	—	·751	·736		75	70	
December -	30° 039	29° 978	73° 7	75° 1	—	63° 8	—	55° 2	28th	—	—	·592	·573		69	64	
Year -	30° 036	29° 993	79° 2	80° 8	—	70° 0	—	—	—	—	—	·712	·717		69° 8	67° 1	

NOTE.—Smaller figures, thus <sup>1</sup> indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BAHAMAS.

1877.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	4.1	3.6		1.420	.290	9th	12	0	0	0				7	31	3	8	1	0	1	11	0		
February -	6.4	6.1		1.330	.300	16th	12	0	0	0				4	14	7	6	1	4	3	15	2		
March -	5.3	5.3		2.230	1.770	21st	10	0	0	0				7	24	2	11	0	7	3	8	0		
April -	5.8	5.3		4.030	1.720	22nd	6	0	0	2				8	17	4	18	3	5	1	4	0		
May -	7.2	7.3		5.610	1.520	28th	16	0	0	2				7	31	3	12	0	3	1	5	0		
June -	5.5	5.5		7.700	4.000	30th	12	0	0	4				5	29	12	9	0	1	2	2	0		
July -	7.1	7.3		6.320	1.130	12th	21	0	0	6				3	21	13	16	0	4	3	1	1		
August -	7.5	7.5		8.280	2.160	9th	17	0	0	8				0	17	9	17	4	5	0	3	7		
September -	5.6	5.7		4.880	2.350	9th	10	0	0	1				2	28	8	8	0	5	2	5	2		
October -	6.7	5.8		4.670	1.500	8th	14	0	0	1				1	41	1	3	2	7	2	5	0		
November -	7.2	7.4		5.510	1.800	9th	15	0	0	0				4	26	4	7	1	2	1	12	3		
December -	6.1	6.7		2.050	1.150	28th	10	0	0	0				2	37	4	5	3	3	2	5	1		
Year -	6.2	6.1		54.030	—	—	155	0	0	24				50	316	70	120	15	46	21	76	16		

BAHAMAS.

				ins.	ins.																	
1878.																						
January -	7.8	7.5		5.150	1.100	30th	16	0	0	0				5	22	1	14	4	6	1	7	2
February -	7.2	7.2		7.050	2.000	27th	11	0	0	2				2	5	2	17	6	5	1	16	2
March -	7.3	7.3		2.360	1.050	21st	7	0	0	0				3	20	5	16	6	4	1	7	0
April -	7.6	5.5		3.190	1.000	10th	8	0	0	1				5	10	0	22	7	5	2	9	0
May -	6.4	6.0		7.280	2.400	17th	7	0	0	3				1	27	5	14	9	3	0	3	0
June -	7.7	7.6		6.560	1.600	15th	19	0	0	2				4	15	3	20	2	8	1	4	3
July -	7.2	6.9		6.050	1.880	15th	20	0	0	4				2	13	7	19	1	14	1	3	2
August -	6.4	6.8		9.260	2.130	24th	18	0	0	2				0	11	1	30	0	11	0	6	3
September -	6.7	6.8		7.150	1.600	21st	24	0	0	0				6	24	2	24	3	1	0	0	0
October -	6.2	6.5		7.370	4.500	20th	12	0	0	0				3	30	1	15	0	2	1	9	1
November -	6.1	6.3		2.840	1.210	14th	10	0	0	0				2	30	5	8	1	3	0	10	1
December -	6.2	6.0		1.380	.550	9th	7	0	0	0				0	29	2	11	2	4	0	14	0
Year -	6.9	6.7		65.640	—	—	159	0	0	14				33	236	34	210	41	66	8	88	14

BAHAMAS.

				ins.	ins.																	
1879.																						
January -	5.7	5.0		0.920	.410	23rd	6	0	0	0				2	22	6	19	1	4	0	7	1
February -	5.8	5.4		1.290	.950	11th	8	0	0	0				2	24	4	14	3	3	0	6	0
March -	5.4	5.7		2.840	2.450	14th	6	0	0	1				2	28	6	13	2	3	0	8	0
April -	5.8	5.1		0.420	.200	3rd	5	0	0	0				3	22	3	14	5	6	0	7	0
May -	6.8	6.7		3.850	.900	9th	13	0	0	4				3	36	3	8	4	4	0	4	0
June -	7.3	6.9		12.770	5.370	26th	14	0	0	3				1	22	6	25	2	1	0	1	2
July -	6.1	6.4		7.430	1.800	30th	18	0	0	2				0	19	10	20	2	7	1	3	0
August -	7.2	6.8		9.850	3.110	16th	13	0	0	0				4	20	7	24	4	3	0	0	0
September -	6.2	6.6		8.020	2.270	12th	20	0	0	3				1	15	9	28	3	3	0	0	1
October -	6.8	6.3		6.500	1.600	25th	19	0	0	0				3	27	19	8	1	2	0	2	0
November -	4.6	5.1		7.980	7.410	7th	6	0	0	1				8	40	5	1	1	0	0	5	0
December -	4.4	4.4		1.600	.950	1st	11	0	0	0				4	31	12	12	1	1	1	0	0
Year -	6.0	5.9		63.470	—	—	139	0	0	14				33	306	90	186	29	37	2	43	4

BAHAMAS.

				ins.	ins.																	
1880.																						
January -	5.6	4.9		1.760	1.000	26th	10	0	0	0				3	37	0	6	7	1	3	3	2
February -	6.1	6.3		1.110	.550	15th	7	0	0	0				1	20	0	15	7	6	0	9	0
March -	5.8	4.7		0.980	.560	22nd	4	0	0	0				7	13	5	22	5	6	0	4	0
April -	5.9	4.9		0.260	.100	19th	4	0	0	0				3	22	3	21	3	2	1	5	0
May -	7.8	7.2		7.470	2.430	12th	13	0	0	5				2	27	9	16	3	2	1	0	2
June -	6.1	6.6		4.900	1.900	17th	10	0	0	7				3	17	9	17	0	4	0	0	10
July -	6.1	6.0		5.890	1.200	18th	16	0	0	9				0	16	12	23	5	4	0	0	2
August -	7.1	6.7		6.040	2.150	19th	20	0	0	7				3	17	17	11	4	3	1	6	0
September -	6.2	6.1		7.840	1.980	5th	20	0	0	4				1	19	3	5	10	2	1	2	17
October -	6.0	5.2		3.870	.860	3rd	10	0	0	1				4	24	6	8	8	1	2	3	6
November -	5.2	5.1		1.510	.410	15th	12	0	0	0				3	5	18	17	6	1	1	2	7
December -	5.5	5.5		0.880	.820	7th	2	0	0	1				6	13	1	4	4	6	0	14	14
Year -	6.1	5.8		42.510	—	—	128	0	0	34				36	230	83	165	62	38	10	48	60

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## NASSAU, BAHAMAS (A.M.D.).

Long. 77° 21' W. Lat. 25° 5' N. Height above Mean Sea Level, 44 feet.

1881.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	30.075	30.015	73.8	76.9	—	66.8	—	62.0	19th	—	—	.684	.657		80	70	
February -	30.072	30.012	72.5	74.5	—	64.7	—	61.5	4th	—	—	.579	.571		71	66	
March -	29.976	29.934	72.1	74.6	—	62.1	—	53.0	24th	—	—	.540	.552		66	63	
April -	30.048	.996	76.1	77.7	—	64.0	—	54.0	3rd	—	—	.617	.647		70	66	
May -	29.940	.904	79.4	81.3	—	70.8	—	65.0	13th	—	—	.767	.810		75	75	
June -	29.992	.964	84.6	85.5	—	73.8	—	70.5	13th	—	—	.876	.926		73	74	
July -	30.007	.989	85.8	86.7	—	75.3	—	71.2	28th	—	—	.897	.922		72	72	
August -	29.952	.921	85.1	86.0	—	74.9	—	70.2	16th	—	—	.884	.896		72	71	
September	29.951	.910	84.7	84.0	—	75.1	—	71.0	6th	—	—	.883	.864		73	73	
October -	30.001	.951	80.2	80.2	—	72.5	—	68.0	31st	—	—	.735	.746		70	71	
November	.030	29.975	78.0	78.2	—	71.2	—	65.0	2nd, 3rd	—	—	.731	.729		75	74	
December	30.160	30.094	74.0	74.9	—	66.3	—	50.5	31st	—	—	.622	.612		72	69	
Year -	30.017	29.972	78.9	80.0	—	69.8	—	—	—	—	—	.735	.744		72.4	70.3	

## NASSAU, BAHAMAS (A.M.D.).

1882.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.239	30.175	73.5	75.5	—	65.0	—	58.0	1st	—	—	.604	.598	—	72	66	—
February -	.231	.185	73.8	75.6	—	65.9	—	58.5	25th	—	—	.621	.636	—	74	70	—
March -	.207	.151	75.3	77.5	—	66.1	—	60.5	16th	—	—	.599	.610	—	67	64	—
April -	.072	.037	78.5	79.3	—	68.4	—	63.5	8th	—	—	.703	.714	—	71	70	—
May -	.059	.023	80.0	80.9	—	70.4	—	64.0	5th	—	—	.780	.801	—	75	76	—
June -	.109	.078	84.2	86.0	—	72.5	—	66.0	17th	—	—	.828	.870	—	69	68	—
July -	.136	.106	85.3	87.4	—	74.8	—	69.0	14th	—	—	.819	.823	—	66	63	—
August -	.094	30.065	85.5	87.4	—	75.7	—	70.8	13th	—	—	.804	.800	—	64	61	—
September -	30.033	29.987	84.3	85.1	—	75.0	—	71.5	30th	—	—	.796	.778	—	67	63	—
October -	29.943	.891	81.9	82.1	—	73.1	—	69.5	20th	—	—	.778	.760	—	70	69	—
November -	30.021	29.964	76.2	76.5	—	68.8	—	63.0	19, 29	—	—	.618	.602	—	67	65	—
December -	30.092	30.030	74.2	75.8	—	66.8	—	57.0	17th	—	—	.629	.624	—	72	69	—
Year -	30.103	30.058	79.4	80.8	—	70.2	—	—	—	—	—	.715	.718	—	69.5	67.0	—

## NASSAU, BAHAMAS (A.M.D.).

1883.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.165	30.104	74.3	77.5	—	66.9	—	61.0	10th	—	—	.667	.670	in.	77	70	—
February -	.193	.138	76.0	78.1	—	69.1	—	62.2	20th	—	—	.643	.641	—	71	66	—
March -	.075	30.013	74.1	76.6	—	65.3	—	60.2	22nd	—	—	.543	.558	—	63	60	—
April -	.024	29.975	79.7	82.3	—	69.1	—	63.0	19th	—	—	.619	.632	—	60	56	—
May -	.021	29.983	80.2	81.5	—	71.4	—	63.0	20th	—	—	.625	.659	—	58	60	—
June -	.088	30.062	85.8	87.4	—	74.8	—	70.5	24th	—	—	.770	.822	—	62	62	—
July -	.104	30.074	85.5	87.3	—	75.3	—	71.2	1st, 2nd	—	—	.793	.814	—	63	62	—
August -	30.024	29.987	85.1	86.2	—	75.4	—	71.2	30th	—	—	.816	.846	—	67	66	—
September -	29.985 <sup>1</sup>	.932 <sup>1</sup>	83.1	83.9 <sup>1</sup>	—	74.2 <sup>1</sup>	—	70.0	7th	—	—	.818	.807 <sup>1</sup>	—	72	68 <sup>1</sup>	—
October -	29.992	.937	81.4	81.6	—	72.9	—	67.8	11th	—	—	.770	.794	—	71	73	—
November -	30.042	29.979	76.9	77.3	—	70.0	—	65.0	29th	—	—	.675	.663	—	72	70	—
December -	30.151	30.088	74.0	75.6	—	66.6	—	59.0	2nd, 3rd	—	—	.617	.615	—	72	68	—
Year -	30.072	30.023	79.7	81.3	—	70.9	—	—	—	—	—	.696	.710	—	67.3	65.1	—

## NASSAU, BAHAMAS (A.M.D.).

1884.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.184	30.115	71.6	72.8	—	64.5	—	57.5	21st	—	—	.594	.587	—	77	71	—
February -	.133	.076	74.2	76.0	—	65.5	—	55.0	26th	—	—	.622	.627	—	72	69	—
March -	.115	30.069	75.7	78.0	—	67.4	—	61.0	1, 31	—	—	.627	.628	—	69	64	—
April -	.021	29.974	77.7	80.6	—	66.7	—	58.0	10th	—	—	.604	.629	—	62	58	—
May -	.014	.972	80.1	82.0	—	69.9	—	65.2	10th	—	—	.742	.782	—	71	71	—
June -	.011	29.982	80.5	81.1	—	71.9	—	67.5	12th	—	—	.803	.810	—	76	76	—
July -	.036	30.008	86.6	87.4	—	75.3	—	72.0	7th	—	—	.862	.874	—	67	66	—
August -	.028	29.993	85.1	86.3	—	74.7	—	71.0	26, 30	—	—	.845	.857	—	69	67	—
September -	30.029	.974	83.1	83.3	—	74.9	—	70.0	7, 24	—	—	.856	.831	—	75	72	—
October -	29.941	.887	79.2	79.3	77.6	72.0	83.2	66.2	17th	88.0	1st	.752	.756	—	74	74	—
November -	30.025	29.965	78.2	77.7	76.7	70.9	82.5	67.8	15th	87.2	15th	.761	.745	—	77	77	—
December -	30.102	30.035	75.5	76.6	74.1	67.8	80.4	63.2	15th	85.5	22, 23	.693	.682	—	78	74	—
Year -	30.053	30.004	79.0	80.1	—	70.1	—	—	—	—	—	.730	.734	—	72.3	69.9	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BAHAMAS.

1881.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a .m	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	5.5	5.2		ins. 1.500	ins. .300	13, 22	9	0	0	0				6	20	2	10	4	10	0	2	8		
February -	5.5	5.9		2.150	.930	3rd	7	0	0	3				6	21	5	7	2	1	0	3	11		
March -	5.3	5.1		1.880	.920	20th	5	0	0	0				1	12	0	6	11	3	4	24	1		
April -	4.9	3.9		0.430	.330	14th	2	0	0	0				7	11	5	9	5	2	0	15	6		
May -	6.3	5.9		7.630	2.350	24th	16	0	0	1				3	24	3	14	7	2	1	5	3		
June -	5.3	5.1		6.060	3.250	21st	12	0	0	3				9	13	9	10	14	1	1	2	1		
July -	5.9	6.3		8.620	3.650	28th	18	0	0	7				2	6	2	25	14	2	0	1	10		
August -	6.1	6.5		6.240	1.320	6th	18	0	0	6				6	4	13	12	12	1	2	2	10		
September -	5.5	6.3		7.070	1.270	17th	20	0	0	5				2	9	25	7	3	0	3	2	9		
October -	5.3	5.7		4.070	1.090	15th	16	0	0	1				1	32	19	3	2	2	0	1	2		
November -	6.0	6.2		2.350	.540	14th	16	0	0	0				3	29	13	7	3	2	0	0	3		
December -	5.3	5.6		1.650	.730	15th	10	0	0	0				6	28	7	7	3	4	0	3	4		
Year -	5.6	5.6		49.650	—	—	149	0	0	26				52	209	103	117	80	30	11	60	68		

BAHAMAS.

				ins.	ins.																	
1882.																						
January -	5.1	4.9		0.710	.270	22nd	7	0	0	0				2	16	16	12	3	2	0	5	6
February -	5.7	5.5		0.270	.110	4th	5	0	0	1				3	26	7	7	2	5	1	3	2
March -	4.7	4.8		0.180	.180	31st	1	0	0	0				1	29	4	12	7	5	0	3	1
April -	5.8	6.0		3.730	1.890	15th	8	0	0	1				1	14	3	12	4	9	2	9	6
May -	6.4	6.5		4.610	1.300	12th	14	0	0	4				3	12	6	11	4	9	2	7	8
June -	5.6	5.3		2.820	.920	10th	12	0	0	9				4	7	7	15	9	7	2	0	9
July -	5.8	5.2		3.890	1.020	13th	19	0	0	9				1	5	12	27	7	4	0	1	5
August -	6.0	5.6		2.240	.540	31st	14	0	0	7				4	11	8	24	4	3	0	2	6
September -	5.6	5.9		3.160	1.170	30th	11	0	0	2				0	25	13	10	3	3	0	0	6
October -	5.8	5.8		2.680	.530	21st	11	0	0	3				3	20	5	6	1	9	1	3	14
November -	6.1	5.7		0.720	.180	3rd	9	0	0	1				5	34	1	2	2	8	2	4	2
December -	6.1	6.0		0.530	.180	2nd	9	0	0	0				9	31	0	7	2	8	0	3	2
Year -	5.7	5.6		25.540	—	—	120	0	0	37				36	230	82	145	48	72	10	40	67

BAHAMAS.

				ins.	ins.																	
1883.																						
January -	5.7	5.6		0.610	.150	31st	12	0	0	1				2	16	11	15	5	5	0	3	5
February -	5.2	4.4		0.810	.250	4th	10	0	0	0				1	16	16	21	0	0	0	1	1
March -	5.9	5.7		1.950	.700	25th	8	0	0	3				5	16	4	10	7	7	0	9	4
April -	4.2	4.3		0.540	.320	24th	2	0	0	0				5	18	2	13	9	8	0	1	4
May -	5.7	5.2		1.140	.680	12th	8	0	0	0				3	23	4	8	2	8	0	14	0
June -	6.1	4.9		1.490	.480	30th	8	0	0	7				0	0	18	19	12	5	1	3	2
July -	5.4	6.0		4.610	1.730	19th	13	0	0	3				1	11	22	16	5	2	0	0	5
August -	5.2	5.8		3.980	.760	9th	14	0	0	4				0	14	13	14	5	6	2	5	3
September -	6.2	6.5		14.750	4.580	4th	19	0	0	2				0	14	15	8	4	10	0	1	8
October -	5.6	5.7		8.600	2.050	17th	14	0	0	2				2	22	19	6	8	2	0	1	2
November -	5.5	6.1		2.530	.470	28th	15	0	0	0				11	32	10	2	1	0	0	2	2
December -	4.8	4.8		0.300	.090	24th	8	0	0	0				5	18	23	6	2	2	1	3	2
Year -	5.5	5.4		41.310	—	—	131	0	0	22				35	200	157	138	60	55	4	43	38

BAHAMAS.

				ins.	ins.																	
1884.																						
January -	6.0	5.5		1.950	.650	5th	7	0	0	1				7	22	7	17	1	3	0	1	4
February -	4.3	5.3		2.030	1.230	24th	9	0	0	1				2	8	15	10	6	8	1	3	5
March -	4.9	5.2		0.910	.330	1st	8	0	0	0				8	9	5	24	7	1	2	4	2
April -	4.4	4.4		0.770	.770	23rd	1	0	0	2				8	13	2	8	9	9	1	10	0
May -	5.6	5.6		5.680	1.210	28th	14	0	0	3				4	15	10	10	9	10	0	4	0
June -	7.1	7.7		8.990	3.300	14th	15	0	0	7				1	12	23	21	1	0	0	0	2
July -	5.4	5.6		2.140	.490	22nd	11	0	0	8				4	3	8	26	8	10	0	2	1
August -	5.4	6.3		8.520	1.690	7th	19	0	0	4				0	1	8	41	5	7	0	0	0
September -	7.1	7.2		5.270	1.100	7, 24	15	0	0	1				3	5	15	19	2	11	1	4	0
October -	6.1	5.5		2.360	.790	13th	15	0	0	0				3	26	22	5	0	2	0	4	0
November -	6.4	6.9		4.230	3.050	15th	12	0	0	2				0	18	18	10	1	3	0	4	6
December -	4.9	4.8		1.240	.490	2nd	9	0	0	0				2	16	18	16	1	0	0	3	6
Year -	5.6	5.8		44.090	—	—	135	0	0	29				42	148	151	207	50	64	5	39	26

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## NASSAU, BAHAMAS (A.M.D.).

Long. 77° 21' W. Lat. 25° 5' N. Height above Mean Sea Level, 44 feet.

1885.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in	%	%	%
January -	30° 136	30° 071	74° 8	76° 3	73° 6	66° 9	80° 2	62° 0	9th, 26th	83° 5	2nd	° 661	° 678		76	74	
February -	° 027	29° 980	71° 4	73° 2	70° 7	64° 0	77° 4	57° 0	11th	84° 5	10th	° 601	° 603		75	72	
March -	° 095	30° 037	74° 2	76° 2	72° 1	64° 5	79° 6	59° 0	14th	88° 0	29th	° 637	° 625		73	68	
April -	30° 032	29° 981	77° 4	78° 7	75° 4	68° 4	82° 3	64° 0	25th	88° 2	12th	° 689	° 704		72	70	
May -	29° 978	29° 934	81° 3	81° 4	79° 1	71° 9	86° 2	66° 0	15th	90° 0	22, 31	° 800	° 826		74	76	
June -	30° 067	30° 032	83° 8	85° 7	83° 3	75° 0	91° 5	67° 8	3rd	101° 0	29th	° 863	° 902		74	72	
July -	° 073	30° 039	86° 7	86° 8	84° 2	75° 8	92° 6	66° 5	23rd	98° 5	15th	° 906	° 942		71	73	
August -	30° 014	29° 975	87° 2	87° 8	84° 7	76° 4	93° 0	72° 5	10th	95° 5	3rd	° 906	° 917		70	69	
September	29° 965	° 919	85° 4	85° 2	82° 9	75° 1	90° 6	72° 0	8th	96° 2	1st	° 844	° 832		68	67	
October -	29° 935	° 885	81° 0	81° 6	80° 0	72° 3	87° 6	64° 0	31st	95° 0	26th	° 714	° 730		67	67	
November	30° 021	29° 951	77° 2	78° 0	77° 0	69° 1	84° 8	58° 0	22nd	91° 0	5, 8, 13	° 671	° 714		71	73	
December	30° 098	30° 031	71° 0	71° 8	72° 3	65° 6	78° 9	56° 0	27th	94° 8	14th	° 561	° 574		71	70	
Year -	30° 037	29° 986	79° 3	80° 2	77° 9	70° 4	85° 4	—	—	—	—	° 738	° 754		71° 8	70° 9	

## NASSAU, BAHAMAS (A.M.D.).

1886.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.049	29.980	68.2	70.0	67.4	60.9	73.9	53.0	12th	85.5	4th	.535	.517	.535	74	69	
February -	.089	30.035 <sup>1</sup>	70.8	73.2 <sup>1</sup>	69.8	63.5	76.0	57.0	1st	83.7	28th	.587	.573 <sup>1</sup>	.587	76	70 <sup>1</sup>	
March -	30.055	29.991	74.1	75.9	72.6	65.5	79.6	58.1	12th	87.6	5th	.567	.593	.567	67	65	
April -	29.988 <sup>3</sup>	.918 <sup>1</sup>	74.1 <sup>3</sup>	75.8 <sup>1</sup>	72.3 <sup>3</sup>	65.9 <sup>1</sup>	78.7 <sup>2</sup>	62.8	23rd	85.4	27th	.587 <sup>3</sup>	.610 <sup>1</sup>	.587 <sup>3</sup>	70 <sup>3</sup>	69 <sup>1</sup>	
May -	30.041	.999	80.7	81.9	77.0	68.2	85.8	63.2	2nd, 14th	91.8	23rd	.663	.696	.663	63	63	
June -	29.984	.951	84.7	85.9	—	—	90.6	—	—	94.9	11th	.827	.830	.827	68	65	
July -	30.011	.979	86.9	87.2	—	—	92.8	—	—	96.8	11th	.807	.833	.807	65	64	
August -	29.975	.933	85.5	86.5	—	—	90.6	—	—	95.8	2nd	.857	.847	.857	67	66	
September -	.988	.931	83.1	83.8	—	—	88.2	—	—	93.4	13th	.802	.800	.802	71	69	
October -	29.997	29.941	79.9	79.9	—	—	84.0	—	—	89.4	3rd	.731	.719	.731	69	69	
November -	30.101	30.034	76.5	76.6	—	—	80.5	—	—	88.1	18th	.633	.643	.633	69	69	
December -	30.105	30.034	73.1	73.7	—	—	77.9	—	—	83.1	24th	.593	.590	.593	72	69	
Year -	30.032	29.977	78.1	79.2	—	—	83.2	—	—	—	—	.682	.688		69.3	67.3	

## UP PARK CAMP, JAMAICA, (R.E.).

Long. 76° 57' W. Lat. 17° 59' N. Height above Mean Sea Level, 225 feet.

1852.	9.30 a.m. ins.	9.30 p.m. ins.	9.30 a.m.	9.30 p.m.	°	°	°	°	°	°	9.30 a.m.	9.30 p.m.	in.	9.30 a.m.	9.30 p.m.	%
January -			°	°	°	°	°	°	°	°						
February -																
March -																
April -																
May -																
June -																
July -	29.738 <sup>2</sup>	29.691 <sup>3</sup>														
August -	.728	.675 <sup>1</sup>														
September -	.696	.645 <sup>1</sup>														
October -	.672 <sup>1</sup>	.596	78.0 <sup>2</sup>	81.3 <sup>1</sup>	78.0 <sup>2</sup>	72.0 <sup>1</sup>	83.9 <sup>2</sup>	69.0	30th	88.5	17th	.811 <sup>2</sup>	.856 <sup>1</sup>	85.0 <sup>2</sup>	81.3 <sup>1</sup>	
November -	.717 <sup>1</sup>	.631 <sup>4</sup>	79.3 <sup>2</sup>	82.5 <sup>6</sup>	79.5 <sup>2</sup>	72.0 <sup>2</sup>	86.9 <sup>2</sup>	70.0	2nd	91.0	4th, 5th	.787 <sup>2</sup>	.836 <sup>7</sup>	79.9 <sup>2</sup>	77.4 <sup>7</sup>	
December -	29.787	29.696 <sup>1</sup>	80.0	84.8 <sup>2</sup>	80.1	70.8	89.4	68.0	15, 25	98.5	23rd	.746	.822 <sup>2</sup>	76.1	71.5 <sup>2</sup>	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

## UP PARK CAMP, JAMAICA (R.E.).

1853.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.748	29.683 <sup>1</sup>	77.4 <sup>1</sup>	80.8 <sup>2</sup>	77.4	70.0	84.8	64.5	31st	89.0	2nd	—	—	—	—	—	—
February -	.818	.729 <sup>1</sup>	75.4	81.3 <sup>1</sup>	75.4	66.8	84.0	64.5	15th	88.5	5th	.675	.736 <sup>2</sup>	.675	78.9	71.0 <sup>2</sup>	
March -	.815	.730 <sup>2</sup>	78.2 <sup>3</sup>	84.0 <sup>4</sup>	78.2 <sup>3</sup>	69.9 <sup>3</sup>	86.4 <sup>3</sup>	67.5	7th	90.0	10, 11	.701 <sup>4</sup>	.751 <sup>4</sup>	.701 <sup>4</sup>	74.5 <sup>4</sup>	66.6 <sup>4</sup>	
April -	.748	.684	78.6	82.3	78.7	71.9	85.5	69.5	15th	89.5	30th	.761	.777	.761	79.4	72.2	
May -	.724	.664 <sup>1</sup>	79.9	83.2 <sup>1</sup>	79.9	72.9	86.9	70.5	21st	90.0	14th	.814	.853 <sup>1</sup>	.814	81.6	76.7 <sup>1</sup>	
June -	.759	.707	81.8	85.6	82.1	74.5	89.6	70.5	28th	95.0	16th	.825 <sup>1</sup>	.822	.825 <sup>1</sup>	77.3 <sup>1</sup>	68.9	
July -	.791	.728	81.5	85.4	81.7	73.6	89.7	69.0	4th	93.0	9th, 14th	.825	.787	.825	77.9	66.8	
August -	.732	.692	80.2 <sup>1</sup>	81.6	79.9 <sup>1</sup>	73.5 <sup>1</sup>	86.2 <sup>1</sup>	68.5	1st	92.5	1st	.848 <sup>1</sup>	.862	.848 <sup>1</sup>	82.9 <sup>1</sup>	80.6	
September -	.732	.674	80.6	84.1	80.7	74.0	87.4	70.0	20th	91.2	3rd	.811	.868	.811	79.2	76.0	
October -	.716	.638	82.2	86.0	82.1	74.2	90.0	71.0	10, 12	94.0	6, 13, 29	.790	.831	.790	74.4	69.3	
November -	.687	.608	80.0	84.1	80.1	71.5	88.6	68.5	30th	91.5	25th	.774	.822	.774	77.8	74.9	
December -	29.764	29.686	78.5	83.6	78.7	69.8	87.5	64.0	13, 27	91.5	20th	.728	.756	.728	76.4	68.1	
Year -	29.753	29.685	79.5	83.5	79.6	71.9	87.2	—	—	—	—	—	—	—	—	—	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

BAHAMAS.

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	5.2	5.7		ins. 2.730	ins. .770	29th	7	0	0	1				1	14	8	20	11	7	0	1	0	
February -	6.9	6.4		5.140	2.150	18th	11	0	0	0				2	17	2	8	4	10	1	12	0	
March -	5.2	5.3		0.950	.370	31st	6	0	0	1				7	12	12	5	5	10	1	10	0	
April -	5.3	5.6		1.400	.590	1st	8	0	0	1				4	25	10	7	4	3	3	4	0	
May -	6.9	7.3		7.750	2.450	31st	16	0	0	5				2	11	8	23	5	9	0	4	0	
June -	5.6	5.9		3.980	1.450	1st	14	0	0	1				2	2	7	35	11	2	0	1	0	
July -	5.3	5.5		4.170	1.850	23rd	16	0	0	4				0	5	26	17	3	5	4	2	0	
August -	5.9	6.4		2.490	.500	24th	16	0	0	3				3	4	13	27	9	4	0	2	0	
September -	5.7	5.8		9.110	3.900	27th	15	0	0	4				1	7	14	24	2	9	2	1	0	
October -	6.3	6.4		0.600	.320	6th	2	0	0	0				2	27	8	4	2	6	4	9	0	
November -	5.3	5.2		1.160	.950	29th	2	0	0	0				0	27	4	8	0	0	4	17	0	
December -	7.0	6.5		1.330	.480	24th	13	0	1	0				5	23	12	6	6	2	3	5	0	
Year -	5.9	6.0		40.810	—	—	126	0	1	20				29	174	124	184	62	67	22	68	0	

BAHAMAS.

1886.				ins.	ins.																	
January -	6.2	6.7		1.160	.440	24th	8	0	0	0				3	9	13	9	3	3	7	15	0
February -	6.3	5.6 <sup>1</sup>		1.350	.450	9th	9	0	0	0				7	21	4	9	3	4	3	4	1
March -	6.1	5.5		1.430	1.250	9th	6	0	0	0				4	16	6	21	5	6	0	4	0
April -	6.9 <sup>3</sup>	5.7 <sup>1</sup>		6.920	2.200	19th	14	0	0	1				7	14	26	4	2	3	1	3	0
May -	6.5	5.9		0.830	.820	23rd	2	0	0	0				11	5	14	15	10	0	4	3	0
June -	7.7	7.0		4.020	1.210	17th	16	0	0	7				0	3	9	19	22	4	1	2	0
July -	7.3	7.7		3.410	.660	3rd	15	0	0	8				0	1	11	15	29	3	3	0	0
August -	6.6	6.6		9.490	2.440	22nd	15	0	0	10				8	16	15	8	5	4	5	0	1
September -	6.7	7.1		8.950	2.500	6th	21	0	0	6				6	27	15	4	2	1	0	4	1
October -	6.6	7.5		6.030	2.280	3rd	16	0	0	4				12	20	24	4	0	0	0	1	1
November -	6.1	6.6		0.860	.290	30th	7	0	0	0				12	24	19	2	2	0	0	0	1
December -	7.4	7.1		0.720	.230	5th	7	0	0	0				10	13	10	4	6	1	3	13	2
Year -	6.7	6.6		45.170	—	—	136	0	0	36				80	169	166	114	89	29	27	49	7

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

UP PARK CAMP.

1852.	9.30 a.m.	9.30 p.m.		ins.	ins.																	
January -																						
February -																						
March -																						
April -																						
May -																						
June -																						
July -																						
August -																						
September -																						
October -	6.3 <sup>1</sup>	7.9		29.615	11.370	7th	19							—	—	—	—	—	—	—	—	—
November -	5.4 <sup>6</sup>	7.8 <sup>8</sup>		11.240	3.270	17th	13							—	—	—	—	—	—	—	—	—
December -	2.8	5.1 <sup>2</sup>		2.350	1.140	21st	3							—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

UP PARK CAMP.

1853.				ins.	ins.																	
January -	4.9	6.5 <sup>1</sup>		6.380	1.500	27th	14							14	8	2	3	1	0	0	3	0
February -	3.0	5.2		1.270	1.270	7th	1							13	4	2	3	4	2	0	0	0
March -	4.0	5.7 <sup>1</sup>		0.160	.070	20th	3							6	2	1	8	5	3	2	4	0
April -	5.9	6.6		1.890	.500	10th	7							3	5	4	8	2	2	2	4	0
May -	6.1	8.0 <sup>1</sup>		4.750	1.160	21st	12							5	6	5	11	1	0	0	3	0
June -	4.7	5.1		3.810	2.000	27th	3							10	6	0	11	3	0	0	0	0
July -	3.5	4.2		1.400	.700	31st	3							9	10	0	6	0	1	1	4	0
August -	5.3	6.9		8.100	2.000	7th	8							8	6	4	13	0	0	0	0	0
September -	3.2	5.2		0.960	.500	8th	3							2	11	2	8	3	3	0	1	0
October -	3.3	6.0		1.350	.470	22nd	5							6	12	3	7	2	0	0	1	0
November -	4.0	5.8		7.010	2.100	14th	6							8	17	2	3	0	0	0	0	0
December -	3.4	5.0		2.891	2.030	7th	5							10	13	3	3	1	0	1	0	0
Year -	4.3	5.9		39.971	—	—	70							94	100	28	84	22	11	6	20	0

NOTE.—The wind summary for 1853 includes only the morning observations.

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## UP PARK CAMP, JAMAICA (R.E.).

Long. 76° 57' W. Lat. 17° 59' N. Height above Mean Sea Level, 225 feet.

1854.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.										in.	in.	in.	%.	%.	%.
February -	29.839	29.751	76.7	85.0	—	69.6	—	66.0	30th	—	—	.662	.716		73.4	61.2	
March -	.832 <sup>2</sup>	.756 <sup>2</sup>	75.0 <sup>2</sup>	82.1 <sup>2</sup>	—	68.4 <sup>2</sup>	—	66.0	4, 15, 23	—	—	.650 <sup>2</sup>	.692 <sup>2</sup>		76.4 <sup>2</sup>	65.4 <sup>2</sup>	
April -	.829	.741	76.7	83.5	—	70.8	—	69.0	5, 18, 27	—	—	.699	.758		78.8	67.3	
May -	.762 <sup>2</sup>	.696 <sup>2</sup>	78.2 <sup>1</sup>	83.2	—	73.1 <sup>1</sup>	—	70.0	7th	—	—	.764 <sup>1</sup>	.828		79.9 <sup>1</sup>	75.8	
June -	.706	.644	78.7	83.2	—	73.8	—	71.0	28th	—	—	.777	.809		80.9	73.2	
July -	.761	.705	80.6	85.7	—	74.9	—	72.0	19th	—	—	.779	.811		74.6	68.9	
August -	.777	.724	80.3	85.9	—	74.7	—	71.0	12, 23	—	—	.748	.782		73.2	66.1	
September	.762	.702	85.7	87.1	—	—	—	—	—	—	—	.777	.873		63.0	68.0	
October -	.724	.676	82.3	86.3	—	76.0	—	72.0	14, 21, 22	—	—	.790	.812		67.8	61.5	
November	.699	.622	79.9	85.6	—	73.9	—	70.0	2nd, 30th	—	—	.761	.795		74.3	66.8	
December	.726	.657	85.8	84.7	—	—	—	—	—	—	—	.828	.834		67.1	70.2	
	29.768	29.699	79.5	84.0	81.0	71.0	91.0	64.0	30th	93.0	11th	.687	.709		71.8	63.5	
Year -	29.765	29.698	80.0	84.7	—	—	—	—	—	—	—	.744	.785		73.4	67.3	

## UP PARK CAMP, JAMAICA (R.E.).

1855.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.769	29.679	77.6	81.7	77.5	69.9	85.0	62.0	5th	92.0	12th	.695	.714	in.	75.4	67.3	—
February -	.792	.709	76.9	81.6	76.5	69.6	83.4	64.0	13th	89.0	28th	.656	.691	—	75.0	69.1	—
March -	.795	.710	78.8	84.0	78.4	70.1	86.6	68.0	14, 16, 26	91.0	30th	.762	.841	—	78.8	74.7	—
April -	.765	.704	77.6	82.9	77.4	71.4	83.4	68.0	12th	86.0	3, 7, 27	.674	.748	—	73.0	68.8	—
May -	.729	.674	79.9	83.8	79.9	74.0	85.7	71.0	1st	89.0	16, 26	.782	.794	—	79.3	72.5	—
June -	.740	.697	81.7	84.8	81.8	75.7	87.8	73.0	9th, 10th	91.0	20, 21, 25	.797	.790	—	75.8	68.6	—
July -	.768	.722	80.6	86.2	—	74.8	—	72.5	4th, 10th	—	—	.744	.730	—	73.8	66.5	—
August -	.764	.693	83.4	85.9	83.4	76.8	90.0	74.5	24, 31	94.5	9th	.788	.797	—	70.8	65.6	—
September -	.729	.690	81.9	84.5	81.8	74.3	89.3	71.0	5th	91.0	19, 20, 24	.777	.839	—	73.7	73.6	—
October -	.734	.660	80.0	84.7	80.2	73.6	86.8	71.0	12, 14, 25	91.0	21st	.767	.796	—	76.9	68.8	—
November -	.724	.639	80.8	83.6	80.6	72.5	88.6	69.0	6th	97.0	26th	.769	.754	—	76.1	67.4	—
December -	29.788	29.705	80.7	85.1	80.6	71.8	89.3	67.0	20th	96.0	19th	.738	.773	—	72.7	66.3	—
Year -	29.758	29.690	80.0	84.1	—	72.9	—	—	—	—	—	.746	.772	—	75.1	69.1	—

## UP PARK CAMP, JAMAICA (R.E.).

1856.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.796	29.707	81.2	85.2	80.8	72.0	89.5	69.0	25th	94.0	20th	.718	.719	in.	70.0	62.0	—
February -	.780	.699	79.9	84.9	79.7	70.0	89.3	68.0	1, 13, 22	94.0	12th	.791	.835	—	79.8	71.9	—
March -	.788	.700	80.9	85.5	80.8	71.9	89.6	68.0	20th	92.0	4th	.735	.767	—	71.4	64.7	—
April -	.766	.678	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	.706	.661	81.6	85.1	81.6	74.2	89.0	69.0	12th	96.0	11th	.842	.883	—	80.8	75.1	—
June -	.745	.687	82.9	85.8	83.0	74.1	91.8	71.0	17th	97.0	13th	.887	.896	—	81.2	75.3	—
July -	.773	.705	82.1	85.7	82.1	73.6	90.6	70.0	21st, 27th	93.0	11, 12, 30	.793	.829	—	75.1	70.0	—
August -	29.746 <sup>1</sup>	29.698 <sup>1</sup>	81.2 <sup>1</sup>	84.2 <sup>1</sup>	81.3 <sup>1</sup>	74.1 <sup>1</sup>	88.5 <sup>1</sup>	71.0	9th, 20th	92.5	3rd	.812 <sup>1</sup>	.814 <sup>1</sup>	—	78.8 <sup>1</sup>	71.9 <sup>1</sup>	—
September -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## UP PARK CAMP, JAMAICA (R.E.).

1857.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.818	29.750	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	.714	.634	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	.690	.631	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	.686	.610	76.9	80.1	76.9	70.8	83.0	68.5	1, 3, 9	85.5	4th	.718	.774	—	79.6	77.3	—
May -	.657	.600	77.5	81.4	77.7	73.1	82.2	69.0	3rd	85.0	15th	.791	.815	—	85.4	78.2	—
June -	.668	.612	80.2	83.2	80.3	74.6	85.9	69.5	5th	91.0	7th	.805	.836	—	80.3	75.9	—
July -	.655	.610	78.0	79.3	78.0	72.8	83.2	70.5	25, 26	88.0	8th	.859	.855	—	90.9	87.3	—
August -	.678	.616	78.5	82.4	78.6	73.0	84.2	70.5	1st	88.0	14th	.788	.817	—	82.5	76.2	—
September -	.636	.577	79.3	82.7	79.2	74.7	83.6	72.0	28th	86.0	17th	.772	.815	—	79.2	76.2	—
October -	.644	.560	79.6	82.7	79.6	74.0	85.2	70.0	14th	90.0	31st	.788	.816	—	84.1	75.8	—
November -	.649	.560	78.1	81.6	78.1	72.2	83.9	68.5	23rd	86.0	2, 4, 6	.809	.850	—	86.1	81.4	—
December -	29.721	29.632	76.0	80.6	76.1	68.8	83.3	66.5	27th	88.0	8th	.731	.787	—	83.3	74.8	—
Year -	29.685	29.616	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

UP PARK CAMP.

1854.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N W.	Calm.		
				ins.	ins.																			
January -	3.5	4.4		0.720	.430	31st	3							3	22	2	3	1	0	0	0	0		
February -	2.4 <sup>2</sup>	4.1 <sup>2</sup>		2.860	2.000	2nd	3							3	11	4	9	0	0	0	1	0		
March -	3.5	4.5		1.000	1.000	31st	1							2	6	2	17	2	0	1	1	0		
April -	3.9 <sup>1</sup>	4.2		0.130	.130	5th	1							2	1	0	25	0	0	2	0	0		
May -	4.9	5.2		6.480	3.530	8th	7							2	10	1	18	0	0	0	0	0		
June -	4.2	5.2		0.000	.000	—	0							4	3	1	20	2	0	0	0	0		
July -	4.6	6.0		1.200	.580	11th	4							4	13	2	10	1	1	0	0	0		
August -	5.0	7.7		0.110	.037	14th	5							0	3	5	20	0	0	3	0	0		
September	3.8	5.7		2.880	1.640	14th	6							4	12	3	10	0	0	1	0	0		
October -	4.9	5.6		0.354	.074	23rd	12							3	9	0	15	0	0	0	4	0		
November	4.3	5.6		0.192	.067	30th	7							8	10	2	5	0	0	0	5	0		
December	4.3	5.1		1.300	.880	16th	4							6	21	3	0	0	0	0	1	0		
Year -	4.1	5.3		17.226	—	—	53							41	121	25	152	6	1	7	12	0		

NOTE.—The wind summary for 1854 includes only the morning observations.

UP PARK CAMP.

				ins.	ins.																	
1855.																						
January -	5.4	5.8		1.894	1.740	28th	6							12	17	1	27	2	0	1	2	0
February -	4.1	5.0		0.092	.067	16th	2							13	13	0	23	1	0	1	5	0
March -	4.1	5.8		0.000	.000	—	0							17	5	1	35	1	0	1	2	0
April -	4.9	4.9		0.328	.183	30th	7							2	6	0	39	0	4	0	9	0
May -	6.0	6.8		6.720	3.300	17th	8							4	17	1	35	3	0	1	1	0
June -	5.8	5.6		2.630	1.035	4th	6							3	10	1	46	0	0	0	0	0
July -	4.4	5.1		0.093	.051	30th	2							0	3	1	46	3	3	0	6	0
August -	5.9	6.4		6.020	3.250	29th	5							2	8	4	41	0	0	7	0	0
September -	6.6	7.1		6.900	3.760	7th	10							2	6	6	42	0	0	3	1	0
October -	4.7	6.1		2.608	1.430	14th	6							4	11	4	36	1	0	0	6	0
November -	5.4	5.9		2.810	1.100	23rd	8							3	25	1	25	2	1	1	2	0
December -	4.8	4.9		10.000	2.960	12th	8							20	13	1	23	1	0	1	3	0
Year -	5.2	5.8		40.095	—	—	68							82	134	21	418	14	8	16	37	0

UP PARK CAMP.

				ins.	ins.																	
1856.																						
January -	4.0	4.9		3.210	1.740	13th	7							8	5	3	39	1	1	0	5	0
February -	4.1	4.6		0.013	.013	5th	1							2	3	3	46	0	0	0	4	0
March -	6.1	6.0		0.121	.121	29th	1							3	6	1	50	0	0	0	2	0
April -	5.6	6.4		15.450	9.840	21st	9							10	9	2	35	0	0	0	4	0
May -	6.1	6.9		9.281	8.970	21st	7							3	2	6	51	0	0	0	0	0
June -	4.6	4.8		2.833	1.250	17th	3							1	4	4	49	0	1	0	1	0
July -	5.6	5.9		2.890	2.250	1st	3							10	3	16	32	0	0	1	0	0
August -	4.2 <sup>4</sup>	5.6 <sup>4</sup>		—	—	—	—															
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

UP PARK CAMP.

				ins.	ins.																	
1857.																						
January -	—	—		—	—	—	—							3	7	10	38	3	0	0	1	0
February -	4.3	5.4		—	—	—	—							9	11	1	20	1	1	3	10	0
March -	5.0	5.1		—	—	—	—							1	4	2	39	0	2	0	14	0
April -	3.5	5.7		2.240	.940	21st	4							1	10	8	39	0	0	0	2	0
May -	5.5	5.4		23.800	9.040	25th	5							3	3	8	42	0	0	1	5	0
June -	5.3	5.1		—	—	—	—							—	—	—	—	—	—	—	—	—
July -	4.5	6.7		4.860	1.320	18th	9							—	—	—	—	—	—	—	—	—
August -	4.8	6.5		2.530	1.230	17th	5							3	13	2	22	0	15	4	3	0
September -	4.6	5.6		6.140	3.660	23rd	9							2	13	2	31	0	7	5	0	0
October -	4.8	4.3		5.710	2.550	22th	6							4	8	0	43	0	0	0	9	0
November -	3.6	5.6		5.970	.850	2nd	13							2	27	7	17	0	1	1	3	0
December -	3.7	4.7		2.810	1.710	15th	3							0	30	3	27	0	1	0	1	0
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## UP PARK CAMP, JAMAICA (R.E.).

Long. 76° 57' W. Lat. 17° 59' N. Height above Mean Sea Level, 225 feet.

1858.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.762	29.664	75.6	82.0	—	68.8	—	65.5	27th	—	—	.682	.766	in.	78.2	70.8	—
February -	.756	.690	76.2	80.3	76.2	70.0	82.4	65.0	28th	85.5	10th	.642	.702		73.1	70.4	—
March -	.760	.673	75.0	78.8	75.0	69.0	80.9	65.0	4, 17	85.0	25th	.667	.726		77.9	75.7	—
April -	.733	.661	75.6	79.3	75.7	70.2	81.1	68.5	10th, 21st	84.0	11, 18	.735	.785		84.6	80.6	—
May -	.718	.657	78.4	81.7	78.4	72.6	84.2	70.0	1st, 5th	87.5	25th	.778	.816		82.3	78.6	—
June -	.737	.678	78.6	82.7	—	74.8	—	71.5	26th	—	—	.791	.801		83.3	73.9	—
July -	.767	.705	78.8	83.1	—	74.0	—	72.0	4, 5, 18	—	—	.780	.829		81.2	75.8	—
August -	.732	.668	80.3	84.9	80.3	74.2	86.4	72.0	3rd, 5th	90.3	12th	.844	.871		84.0	75.9	—
September -	.706	.627	81.6	85.3	81.7	74.9	88.5	72.5	23rd	92.0	7th	.868	.876		82.4	74.5	—
October -	.737	.667	79.5	83.3	79.5	72.7	86.3	70.3	25th	89.3	14, 30	.833	.854		84.9	77.4	—
November -	.823	.735	78.2	82.7	78.3	70.8	85.8	66.5	26th	90.3	9th	.802	.838		83.5	77.0	—
December -	29.877	29.801	78.2	84.3	78.2	69.3	87.1	66.0	27th	90.5	3rd	.801	.860		84.7	76.2	—
Year -	29.759	29.686	78.0	82.4	—	71.8	—	—	—	—	—	.769	.810		81.7	75.6	—

## UP PARK CAMP, JAMAICA (R.E.).

1859.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.922	29.826	77.7	82.4	77.8	68.4	87.2	64.4	27th	90.0	24th	.781	.829	in.	83.5	76.6	—
February -	.908	.818	76.7	80.4	76.6	68.5	84.7	65.5	22nd	88.9	18th	.757	.811		84.2	80.2	—
March -	.898	.803	76.2	80.5	76.3	68.4	84.1	64.6	6th	86.8	2nd, 21st	.719	.791		81.1	77.8	—
April -	.885	.806	77.7	82.8	77.8	70.2	85.3	66.0	6th	88.4	4th	.772	.826		83.2	76.2	—
May -	.797	.739	79.4	83.2	79.5	72.9	86.0	69.5	17th	90.4	26th	.829	.879		84.8	79.6	—
June -	.825	.777	79.0	82.3	79.0	73.3	84.7	71.5	2, 20, 29	89.3	17th	.848	.880		87.2	82.4	—
July -	.861	.801	79.9	83.8	79.9	73.3	86.4	69.5	5th	91.3	23rd	.849	.906		85.1	80.7	—
August -	.860	.806	80.0	84.2	80.0	73.2	86.8	70.0	8th	90.8	30th	.839	.883		84.6	77.5	—
September -	.840	.773	80.7	83.8	80.7	74.0	87.4	71.4	19th	90.9	3rd	.885	.938		86.5	83.0	—
October -	.804	.718	80.6	83.7	80.6	74.5	86.7	71.0	16, 19	91.9	14th	.872	.928		85.5	82.9	—
November -	.866	.784	79.3	84.1	79.4	71.1	87.6	66.7	29th	91.1	24th	.839	.881		85.8	77.5	—
December -	29.900	29.809	78.3	84.5	78.4	68.9	87.8	66.5	29th	90.9	1st	.754	.817		79.0	71.0	—
Year -	29.864	29.788	78.8	83.0	78.8	71.4	86.2	—	—	—	—	.812	.864		84.2	78.8	—

## UP PARK CAMP, JAMAICA (R.E.).

1860.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.909	29.818	77.9	84.2	78.6	69.1	88.0	67.0	26th	93.2	2nd	.728	.776	in.	76.2	68.1	—
February -	.938	.854	76.5	81.7	76.6	68.7	84.4	66.0	6, 10	87.9	3rd	.699	.744		78.3	70.4	—
March -	.895	.813	77.1	82.2	77.1	68.8	85.4	66.6	23rd	89.7	27th	.698	.746		76.5	69.9	—
April -	.876	.811	78.5	83.6	78.6	70.8	86.3	67.0	10th	90.9	13th	.735	.788		76.8	71.0	—
May -	.849	.786	78.4	83.1	78.5	71.3	85.7	68.3	14th	91.2	8th	.762	.805		80.3	73.3	—
June -	.850	.791	80.1	85.1	79.9	73.2	86.6	69.5	5th	90.9	18th	.796	.841		79.7	71.8	—
July -	.846	.797	80.9	85.3	80.9	73.9	87.9	71.7	13th	92.1	10th	.801	.848		77.8	71.9	—
August -	.812	.767	80.5	84.4	80.7	73.6	87.7	72.0	2, 4, 11	92.4	19th	.818	.865		80.7	74.9	—
September -	.803	.732	80.8	83.7	80.9	73.7	88.0	71.5	8th	92.3	20th	.859	.901		83.6	80.3	—
October -	.794	.717	80.6	84.0	80.6	72.5	88.7	71.0	12, 25, 31	91.9	20th	.841	.872		82.8	77.9	—
November -	.843	.763	80.4	86.3	80.3	70.6	90.0	67.8	26, 29	92.6	22nd	.787	.846		77.4	69.4	—
December -	29.865	29.787	79.5	85.5	79.4	69.6	89.2	66.0	28th	92.9	12th	.731	.799		74.1	67.9	—
Year -	29.857	29.786	79.3	84.1	79.3	71.3	87.3	—	—	—	—	.771	.819		78.7	72.2	—

## UP PARK CAMP, JAMAICA (R.E.).

1861.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.917	29.824	78.0	83.8	78.0	68.1	87.9	63.0	13th	90.7	28th	.726	.768	in.	77.2	68.4	—
February -	.891	.798	79.5	84.2	78.9	69.2	88.5	65.8	12th	91.4	23rd	.725	.744		75.7	66.4	—
March -	.876	.788	77.8	81.9	77.8	69.2	86.4	64.2	10th	88.9	9th	.745	.773		80.1	72.7	—
April -	.831	.751	78.3	83.5	78.4	70.4	86.4	68.0	1st, 3rd	89.4	19th	.740	.785		74.8	70.5	—
May -	.805	.741	79.3	83.4	79.3	72.0	86.5	68.8	8th	89.6	25th	.792	.837		81.1	75.5	—
June -	.816	.762	80.2	84.5	80.1	72.6	87.5	70.4	26th	91.5	28th	.838	.847		80.7	73.9	—
July -	.843	.791	81.2	86.3	81.2	72.7	89.6	70.8	24th	94.0	28th	.809	.842		77.9	69.1	—
August -	.833	.797	80.7	84.4	80.1	72.6	87.5	70.0	3rd	90.9	9th	.826	.865		82.6	75.9	—
September -	29.820	29.759	80.5	84.2	80.5	72.4	88.6	70.0	16th	91.4	9th	.825	.872		81.4	77.1	—
October -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—
November -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

UP PARK CAMP.

1858.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	2.7	4.3		1.400	.800	3rd	3							4	19	0	37	0	1	0	1	0		
February -	4.3	5.0		2.100	1.100	18th	2							1	2	0	49	0	0	0	4	0		
March -	3.3	4.8		2.900	1.740	30th	4							0	10	0	39	4	1	1	7	0		
April -	4.9	6.5		4.590	2.190	2nd	5							6	6	1	38	1	3	3	2	0		
May -	4.5	4.9		0.078	.060	1st	3							3	2	0	51	0	2	0	4	0		
June -	5.1	5.0		5.420	2.500	14th	7							2	6	0	49	0	1	0	2	0		
July -	4.3	5.4		0.340	.340	4th	1							2	13	3	39	0	0	1	4	0		
August -	3.0	5.1		1.500	.780	25th	2							6	8	1	44	1	1	0	1	0		
September	3.8	6.0		3.860	2.240	27th	5							3	7	3	40	1	1	0	5	0		
October -	4.3	5.7		8.000	2.730	19th	7							12	23	2	21	1	0	0	3	0		
November	4.0	5.7		12.380	5.460	17th	6							9	13	3	31	1	0	1	2	0		
December	3.2	4.0		1.720	.840	13th	4							6	19	1	32	2	0	0	2	0		
Year -	4.0	5.2		44.288	—	—	49							54	128	14	470	11	10	6	37	0		

UP PARK CAMP.

				ins.	ins.																	
1859.				ins.	ins.																	
January -	3.4	5.0		0.390	.270	16th	2							6	13	4	29	1	0	0	9	0
February -	3.9	4.9		5.250	3.650	4th	2							6	17	0	32	1	0	0	0	0
March -	3.1	5.7		0.000	.000	—	0							0	7	1	52	2	0	0	0	0
April -	2.8	5.2		0.000	.000	—	0							0	5	1	49	0	3	0	2	0
May -	3.6	6.6		4.080	1.460	13th	4							3	11	3	45	0	0	0	0	0
June -	5.0	6.5		16.050	2.560	20th	16							1	22	3	31	0	2	0	1	0
July -	4.0	4.8		3.830	1.700	4th	4							1	20	6	34	0	0	0	1	0
August -	3.7	5.3		2.330	1.740	7th	2							0	20	4	34	0	3	0	1	0
September -	4.9	7.3		6.700	1.670	19th	10							4	20	5	28	0	0	1	2	0
October -	3.9	5.8		6.050	1.600	19th	8							3	16	0	40	0	0	1	2	0
November -	4.0	5.3		4.270	.930	4th	7							1	22	4	30	0	0	0	3	0
December -	3.4	4.5		0.000	.000	—	0							0	22	0	40	0	0	0	0	0
Year -	3.8	5.6		48.950	—	—	55							25	195	31	444	4	8	2	21	0

UP PARK CAMP.

				ins.	ins.																	
1860.				ins.	ins.																	
January -	2.4	6.2		1.200	.500	25th	3							9	18	6	25	0	1	0	3	0
February -	4.2	4.8		1.260	1.260	3rd	1							2	8	4	42	1	0	0	1	0
March -	2.6	5.9		1.000	.660	12th	3							6	11	6	35	1	1	0	2	0
April -	3.0	5.0		0.270	.270	20th	1							3	6	0	49	0	2	0	0	0
May -	5.0	5.8		3.860	1.310	17th	6							5	9	7	38	1	0	0	2	0
June -	3.8	5.2		0.980	.760	11th	2							3	6	2	49	0	0	0	0	0
July -	4.5	6.4		1.160	.400	19th	5							5	9	8	40	0	0	0	0	0
August -	4.2	6.4		2.340	.800	11th	7							3	15	2	40	0	0	0	2	0
September -	5.0	6.9		4.410	1.940	8th	12							8	15	7	27	1	0	0	2	0
October -	3.7	6.5		6.390	2.460	12th	8							7	24	5	25	0	0	0	1	0
November -	2.0	5.3		0.170	.170	16th	1							6	24	6	10	1	0	0	4	0
December -	3.6	4.3		0.320	.150	4th	3							9	15	4	26	2	0	3	3	0
Year -	3.7	5.7		23.360	—	—	52							66	160	57	415	7	4	3	20	0

UP PARK CAMP.

				ins.	ins.																	
1861.				ins.	ins.																	
January -	2.3	4.6		0.710	.490	2nd	2							5	10	10	32	3	1	1	0	0
February -	3.3	5.0		0.100	.100	28th	1							3	7	9	34	1	0	0	2	0
March -	5.2	7.0 <sup>6</sup>		2.430	.710	28th	10							—	—	—	—	—	—	—	—	—
April -	4.1	5.3 <sup>1</sup>		1.770	.840	22nd	8							—	—	—	—	—	—	—	—	—
May -	4.7 <sup>3</sup>	6.5 <sup>3</sup>		1.510	1.140	13th	6							—	—	—	—	—	—	—	—	—
June -	4.6 <sup>1</sup>	5.0 <sup>3</sup>		3.810	1.770	20th	7							—	—	—	—	—	—	—	—	—
July -	4.4 <sup>2</sup>	5.6 <sup>1</sup>		0.360	.220	26th	2							—	—	—	—	—	—	—	—	—
August -	4.1 <sup>2</sup>	5.1 <sup>1</sup>		6.490	1.520	1st	7							—	—	—	—	—	—	—	—	—
September -	4.8 <sup>1</sup>	7.4 <sup>5</sup>		2.200	.880	28th	9							—	—	—	—	—	—	—	—	—
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## UP PARK CAMP, JAMAICA (A.M.D.).

Long. 76° 57' W. Lat. 17° 59' N. Height above Mean Sea Level, 225 feet.

1864.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.											in.	in.		%	%	%
January -	29.649		80.3		83.7	76.0	91.3	72.5	—	98.0	—	.639			61		
February -	.686		80.9		83.1	75.5	90.6	71.2	—	96.3	—	.650			61		
March -	.565		79.0		74.7	67.4	81.9	60.2	—	88.0	—	.628			63		
April -	.701		80.4		77.7	69.9	85.4	65.8	—	89.4	—	.709			68		
May -	.725		79.7		78.1	70.8	85.3	61.0	—	89.5	—	.712			70		
June -	.689		81.4		79.3	71.7	86.9	69.5	—	90.0	—	.709			66		
July -	.663		82.7		81.5	74.2	88.7	70.0	—	92.5	—	.726			65		
August -	.716		83.6		82.7	72.8	92.6	70.0	—	95.0	—	—			—		
September -	.746		86.4		83.5	75.5	91.4	72.0	—	97.0	—	.887			70		
October -	.717		83.9		81.2	71.0	91.3	70.0	—	94.0	—	.900			77		
November -	.719		84.3		81.3	71.8	90.7	70.0	—	92.0	—	.893			76		
December -	29.718		84.0		81.3	71.0	91.6	70.0	—	95.0	—	.903			77		
Year -	29.691		82.2		80.7	72.3	89.0	—	—	—	—	—			—		

## UP PARK CAMP, JAMAICA (A.M.D.).

1866.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.837	29.778	—	82.9	77.1	68.0	86.2	62.2	11th	91.2	20th	—	.634	—	—	56	
February -	.805	.761	—	83.0	77.0	68.2	85.7	60.0	25th	92.0	20, 21	—	.716	—	—	63	
March -	.839	.784	—	81.5	75.5	67.0	84.0	65.0	16th	88.0	8th	—	.692	—	—	64	
April -	.798	.720	—	79.9	76.7	69.3	84.0	66.0	7th	88.2	30th	—	.734	—	—	71	
May -	.743	.691	—	84.7	78.5	71.1	85.8	64.2	2, 3, 4	89.2	11th	—	.759	—	—	64	
June -	.774	.725	—	86.6	80.8	73.3	88.3	71.0	9, 10, 28	91.0	25, 27	—	.751	—	—	59	
July -	.781	.729	—	87.4	81.7	73.9	89.4	71.0	12th	92.0	5, 13, 22	—	.714	—	—	55	
August -	.767	.717	—	85.8	81.4	73.3	89.4	72.0	17, 18, 20	92.0	8th	—	.733	—	—	60	
September -	.765	.686	—	85.9	81.4	73.5	89.2	71.0	16th	93.0	8th	—	.857	—	—	68	
October -	.700	.628	—	83.8	81.2	73.3	89.0	72.0	17, 24, 31	94.0	1st, 7th	—	.763	—	—	66	
November -	.748	.675	—	83.8	78.9	70.3	87.5	68.0	26, 29, 30	91.0	1st, 2nd	—	.730	—	—	63	
December -	29.807	29.719	—	85.4	78.7	68.8	88.5	67.0	2, 4, 28	93.0	6th	—	.680	—	—	56	
Year -	29.780	29.718	—	84.2	79.1	70.8	87.3	—	—	—	—	—	.730	—	—	62.1	

## UP PARK CAMP, JAMAICA (A.M.D.).

1867.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.829	29.743	83.1	84.4	77.8	68.3	87.2	66.0	20th	91.0	2nd	.631	.698	—	57	58	
February -	.832	.738	84.8	85.0	78.0	69.0	87.0	66.0	17th	91.0	26th	.662	.679	—	55	57	
March -	.811	.720	84.2	85.4	78.7	67.7	89.6	63.0	22, 27	98.0	31st	.685	.711	—	57	59	
April -	.782	.721	85.2	85.1	81.4	66.7	96.0	64.0	5th	98.0	14, 25, 30	.752	.766	—	61	63	
May -	.723	.649	86.4	87.3	82.5	67.5	97.4	64.0	4th	100.0	27, 28	.775	.792	—	61	60	
June -	.747	.661	86.4	86.5	83.2	67.2	99.2	65.0	5th, 20th	104.0	28th	.808	.824	—	64	64	
July -	.782	.705	87.5	88.7	82.7	65.1	100.2	62.0	18, 19	106.0	4th, 5th	.792	.784	—	59	58	
August -	.755	.656	84.9	87.0	80.7	63.9	97.5	60.0	28th	102.0	7th, 9th	.810	.775	—	66	61	
September -	.744	.710	86.8	86.4	79.6	62.6	96.5	59.0	30th	100.0	24, 27, 29	.819	.784	—	65	61	
October -	.698	.622	85.9	87.4	79.1	61.1	97.1	57.0	23, 24	101.0	31st	.779	.792	—	61	61	
November -	.736	.683	83.8	85.2	—	—	93.2	—	—	100.0	1st, 8th	.776	.818	—	67	68	
December -	29.807	29.738	82.7	85.3	80.5	67.5	93.4	64.0	20, 26, 30	97.0	28, 30, 31	.724	.781	—	64	64	
Year -	29.771	29.696	85.1	86.1	—	—	94.5	—	—	—	—	.751	.767	—	61.4	61.2	

## UP PARK CAMP, JAMAICA (A.M.D.).

1868.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.843	29.729	80.4	86.6	79.6	65.0	94.1	61.0	23rd	97.0	31st	.661	.694	—	64	55	
February -	.848	.760	80.6	82.7	78.2	65.0	91.3	60.0	20th	97.0	3rd, 4th	.674	.693	—	64	61	
March -	.849	.746	83.5	82.4	—	66.4	—	62.0	7, 8, 9	—	—	.746	.757	—	65	68	
April -	.864	.756	84.4	82.4	—	68.8	—	61.0	16th	—	—	.698	.727	—	58	65	
May -	.801	.732	85.3	82.4	—	70.4	—	67.0	6th	—	—	.799	.831	—	65	75	
June -	.813	.768	86.1	85.2	—	72.0	—	70.0	2, 13, 22	—	—	.724	.727	—	58	59	
July -	.821	.758	89.1	86.5	—	73.0	—	69.0	9th, 14th	—	—	.778	.792	—	57	61	
August -	.816	.742	90.6	86.8	—	72.3	—	70.0	5, 21, 25	—	—	.823	.861	—	57	68	
September -	.770	.717	88.1	85.8	84.6	69.9	99.3	66.0	20th	105.0	11th	.735	.781	—	55	63	
October -	.757	.683	84.5	82.9	82.4	68.2	96.5	64.0	30th	105.0	28th	.761	.809	—	64	72	
November -	.767	.670	83.6	82.5	82.5	66.7	98.2	63.0	28th	107.0	25th	.757	.792	—	66	68	
December -	29.841	29.755	83.5	83.6	81.8	65.8	97.8	62.0	14, 23	104.0	9th	.659	.729	—	57	63	
Year -	29.816	29.735	85.0	84.3	—	68.6	—	—	—	—	—	.735	.766	—	60.8	64.8	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

UP PARK CAMP.

1864.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	1'2			4'140	—	—	6							0	—	28	—	33	—	1	—	0		
February -	1'3			9'720	—	—	4							0	—	29	—	29	—	0	—	0		
March -	—			7'000	—	—	2							6	—	28	—	28	—	0	—	0		
April -	—			3'000	—	—	7							23	—	20	—	17	—	0	—	0		
May -	—			5'510	—	—	10							0	—	30	—	32	—	0	—	0		
June -	2'1			6'100	—	—	4							7	—	29	—	24	—	0	—	0		
July -	1'9			5'750	—	—	5							1	—	31	—	30	—	0	—	0		
August -	1'8			17'350	—	—	11							20	—	28	—	14	—	0	—	0		
September -	2'2			17'500	—	—	17							18	—	31	—	11	—	0	—	0		
October -	1'6			7'700	—	—	7							8	—	26	—	28	—	0	—	0		
November -	1'6			6'000	—	—	7							3	—	29	—	28	—	0	—	0		
December -	1'5			7'300	—	—	7							0	—	34	—	28	—	0	—	0		
Year -	—			97'070	—	—	87							86	—	343	—	302	—	1	—	0		

UP PARK CAMP.

				ins.	ins.																	
1866.				ins.	ins.																	
January -	3'9	5'2		1'430	'850	28th	4	0	0	1				0	38	7	15	0	1	0	1	0
February -	3'7	5'1		1'460	'740	28th	2	0	0	0				0	8	0	45	0	3	0	0	0
March -	4'0	5'2		4'340	2'400	31st	3	0	0	1				0	7	7	37	8	2	1	0	0
April -	4'2	6'2		7'010	2'700	1st	9	0	0	2				6	2	0	46	1	1	2	2	0
May -	4'0	5'5		5'610	4'450	27th	4	0	0	4				7	1	0	54	0	0	0	0	0
June -	6'5	6'9		0'880	'320	4th	5	0	0	4				0	1	2	55	0	0	0	2	0
July -	6'3	6'0		2'780	1'200	27th	4	0	0	8				2	3	6	45	5	0	0	1	0
August -	5'2	5'7		5'660	1'200	8th	5	0	0	11				2	5	0	54	0	0	0	1	0
September -	2'5	4'6		6'120	1'500	14th	10	0	0	2				2	8	1	45	2	0	1	1	0
October -	3'6	4'6		8'230	2'000	16th	14	0	0	3				0	12	2	45	2	1	0	0	0
November -	3'0	4'4		2'270	'820	20th	6	0	0	0				2	17	5	35	1	0	0	0	0
December -	2'6	3'4		1'350	1'320	14th	2	0	0	0				0	11	5	43	1	1	1	0	0
Year -	4'1	5'2		47'140	—	—	68	0	0	36				21	113	35	519	20	9	5	8	0

UP PARK CAMP.

				ins.	ins.																	
1867.				ins.	ins.																	
January -	3'0	3'6		1'250	'750	21st	2	0	0	0				0	8	7	46	0	1	0	0	0
February -	3'0	3'0		0'080	'080	20th	1	0	0	0				2	4	4	42	0	1	3	0	0
March -	2'5	2'8		0'200	'100	1, 12	2	0	0	0				0	2	0	58	0	2	0	0	0
April -	3'0	3'5		1'160	'920	16th	3	0	0	0				1	0	1	56	0	1	1	0	0
May -	2'9	4'2		1'930	1'530	4th	3	0	0	3				0	0	0	62	0	0	0	0	0
June -	2'8	3'4		5'520	1'850	1st	7	0	0	0				0	0	0	60	0	0	0	0	0
July -	3'1	3'6		4'460	'800	16th	5	0	0	0				0	0	0	62	0	0	0	0	0
August -	3'2	3'9		14'250	4'190	29th	6	0	0	3				0	2	2	56	2	0	0	0	0
September -	2'2	2'6		3'700	1'080	30th	10	0	0	0				0	4	2	54	0	0	0	0	0
October -	3'2	2'8		2'180	1'390	18th	4	0	0	0				0	11	0	51	0	0	0	0	0
November -	3'1	3'9		31'980	12'920	16th	13	0	0	2				2	18	0	39	0	1	0	0	0
December -	2'1	3'0		1'010	'620	30th	3	0	0	0				0	20	0	40	0	2	0	0	0
Year -	2'8	3'4		67'720	—	—	59	0	0	8				5	69	16	626	2	8	4	0	0

UP PARK CAMP.

				ins.	ins.																	
1868.				ins.	ins.																	
January -	2'0	2'2		0'920	'920	5th	1	0	0	0				2	12	1	45	0	1	0	1	0
February -	3'0	3'7		3'730	1'200	26th	7	0	0	1				0	19	0	31	0	1	0	7	0
March -	2'7	3'0		0'480	'300	30th	2	0	0	0				0	17	0	45	0	0	0	0	0
April -	3'3	4'3		2'210	'700	25th	7	0	0	0				0	14	0	45	0	1	0	0	0
May -	4'1	3'6		8'520	4'510	26th	5	0	0	9				0	0	0	60	0	0	0	2	0
June -	3'6	3'6		4'130	'900	5th	9	0	0	7				0	8	0	51	0	0	0	1	0
July -	3'4	4'3		0'840	'500	12th	4	0	0	6				0	4	1	56	0	0	0	1	0
August -	3'7	3'3		2'210	'910	19th	3	0	0	11				0	13	0	48	0	1	0	0	0
September -	4'2	5'5		4'510	1'240	14th	10	0	0	6				9	17	6	25	0	2	0	1	0
October -	4'1	5'9		11'160	1'980	25th	14	0	0	4				1	13	0	45	0	0	0	3	0
November -	3'7	4'7		9'300	2'900	9th	9	0	0	2				1	29	0	30	0	0	0	0	0
December -	3'7	4'1		3'420	1'820	20th	5	0	0	0				1	11	2	45	0	0	0	3	0
Year -	3'5	4'0		51'430	—	—	76	0	0	46				14	157	10	526	0	6	0	19	0



UP PARK CAMP, JAMAICA (A.M.D.).

Long. 76° 57' W. Lat. 17° 59' N. Height above Mean Sea Level, 225 feet.

1869.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.*	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	29·817	29·724	84°·0	83°·7	80°·9	64°·9	96°·9	61°·0	24th	107°·0	5th	·664	·687		56	59	
February -	·825	·741	84°·3	83°·7	81°·2	65°·5	96°·9	63°·0	9th, 26th	103°·0	25th	·664	·703		56	61	
March -	·845	·759	84°·0	85°·3	81°·5	65°·0	98°·0	61°·0	3rd, 12th	106°·0	9th	·609	·682		52	56	
April -	·766	·687	87°·1	85°·6	82°·0	67°·1	95°·9	64°·0	3rd	102°·0	17th	·684	·733		53	59	
May -	·693	·627	87°·0	85°·9	81°·4	65°·8	97°·0	62°·0	3rd, 12th	103°·0	28th	·724	·765		56	61	
June -	·744	·661	88°·6	86°·0	83°·9	67°·1	100°·6	62°·0	30th	105°·0	24, 25, 29	·723	·790		53	63	
July -	·800	·744	89°·4	89°·5	85°·9	70°·1	101°·7	68°·0	9th, 29th	105°·0	7, 16, 22	·699	·739		50	53	
August -	·775	·725	86°·2	85°·2	84°·1	69°·1	99°·1	65°·0	9th	103°·5	21st	·718	·774		57	63	
September	·731	·660	86°·4	84°·9	83°·7	68°·1	99°·3	66°·0	10, 11, 24	104°·0	14, 19	·766	·782		61	64	
October -	·732	·652	85°·8	83°·8	83°·7	67°·5	99°·9	64°·5	22, 23	105°·5	26th	·781	·820		63	71	
November	·764	·666	83°·5	84°·7	81°·9	65°·4	98°·4	63°·0	7th	103°·0	2nd	·713	·742		62	62	
December	29·803	29·697	82°·9	84°·8	80°·7	63°·3	98°·0	59°·0	11, 12	102°·0	28th	·619	·640		55	53	
Year -	29·775	29·695	85°·8	85°·3	82°·6	66°·6	98°·6	—	—	—	—	·697	·738		56·2	60·4	

UP PARK CAMP, JAMAICA (A.M.D.).

1870.	ins.	ins.										in.	in.	in.	%	%	%
January -	29° 830	29° 727	81° 4	83° 9	80° 2	63° 3	97° 1	60° 0	18th	100° 0	19, 23, 30	° 607	° 631		56	54	
February -	° 788	° 690	80° 0	82° 3	79° 9	62° 8	96° 9	59° 5	16th	100° 5	18th	° 585	° 639		57	58	
March -	° 785	° 704	82° 2	83° 3	79° 6	63° 5	95° 6	60° 5	8th	100° 0	20th	° 629	° 642		57	56	
April -	° 818	° 725	83° 9	84° 6	81° 2	64° 3	98° 0	61° 0	16, 19	100° 5	8th	° 631	° 668		54	56	
May -	° 773	° 704	82° 7	83° 3	81° 1	65° 9	96° 2	61° 0	3rd	102° 0	9th	° 686	° 712		62	62	
June -	° 784	° 707	85° 8	83° 8	81° 9	65° 8	98° 0	63° 0	18, 29	103° 0	3rd	° 688	° 713		56	61	
July -	° 791	° 725	84° 7	85° 4	82° 5	66° 6	98° 3	63° 5	12th	102° 0	11th	° 710	° 731		60	60	
August -	° 746	° 686	86° 5	84° 1	83° 2	67° 0	99° 3	64° 0	2nd	102° 0	5, 15, 16	° 735	° 798		58	68	
September	° 735	° 675	87° 2	85° 8	83° 5	68° 2	98° 8	65° 0	29th	103° 0	4th	° 750	° 790		57	64	
October -	° 679	° 616	81° 7	80° 1	80° 4	66° 6	94° 1	62° 0	24th	99° 0	13th	° 746	° 771		69	74	
November	29° 737	29° 629	82° 1	81° 4	80° 1	65° 3	94° 8	62° 5	9th	102° 5	4th	° 740	° 751		68	70	
December	—	—	82° 7	83° 3	80° 3	63° 3	97° 3	58° 0	25th	103° 0	28th	° 697	° 704		62	61	
Year -	—	—	83° 4	83° 4	81° 1	65° 2	97° 0	—	—	—	—	° 684	° 713		59° 7	62° 0	

UP PARK CAMP, JAMAICA (A.M.D.).

[illegible]

UP PARK CAMP, JAMAICA (A.M.D.).

[illegible]

Thermometers, 2 feet above ground. Rain-gauge, on or near the the ground.

UP PARK CAMP.

1869.	Amount of Cloud.			Rainfall.			Weather, No. of days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	3.9	4.2		ins.	ins.	9th	7	0	0	0				0	13	1	47	0	0	0	1	0		
February -	5.7	6.5		2.870	1.440	9th	4	0	0	1				0	5	0	51	0	0	0	0	0		
March -	4.7	6.0		0.170	.110	19th	3	0	0	0				0	9	1	45	0	1	0	6	0		
April -	3.4	4.9		1.030	.700	21st	4	0	0	1				1	7	6	46	0	0	0	0	0		
May -	3.6	5.0		6.650	4.100	17th	4	0	0	0				0	11	6	44	0	0	0	1	0		
June -	4.1	4.9		3.350	3.350	20th	1	0	0	2				0	6	20	34	0	0	0	0	0		
July -	4.0	4.7		0.200	.200	14th	1	0	0	7				0	11	24	25	0	1	0	1	0		
August -	3.4	5.3		6.140	1.610	28th	13	0	0	16				10	18	25	4	1	0	0	4	0		
September	2.4	4.2		3.690	1.700	6th	5	0	0	13				10	10	27	12	0	0	0	1	0		
October -	2.5	3.9		5.450	1.100	1st	9	0	0	6				3	7	27	21	0	0	1	3	0		
November	2.8	3.2		2.830	1.000	10th	5	0	0	2				10	20	24	4	0	1	0	1	0		
December	2.3	3.1		0.000	.000	—	0	0	0	0				10	28	9	10	0	2	0	3	0		
Year -	3.6	4.7		34.090	—	—	56	0	0	48				44	145	170	343	1	5	1	21	0		

UP PARK CAMP.

1870.				ins.	ins.																	
January -	2.3	3.1		2.570	1.900	5h	4	0	0	0				5	24	20	8	0	2	0	3	0
February -	2.9	3.6		1.200	.550	5h	3	0	0	0				10	10	25	5	0	0	0	6	0
March -	2.6	3.2		1.000	.300	22nd	4	0	0	0				2	15	31	11	0	3	0	0	0
April -	2.5	3.7		0.950	.350	24th	4	0	0	2				3	15	25	17	0	0	0	0	0
May -	3.5	4.1		9.620	4.340	21st	9	0	0	2				4	12	28	15	0	0	0	3	0
June -	2.4	3.2		2.010	.480	30th	6	0	0	7				8	17	28	4	0	0	0	3	0
July -	2.5	3.3		2.300	1.000	14.30	3	0	0	8				12	13	31	4	0	0	0	2	0
August -	2.4	3.6		3.700	1.670	7th	5	0	0	10				7	18	29	6	0	0	0	2	0
September -	2.3	4.3		3.660	1.170	19th	8	0	0	9				5	13	31	11	0	0	0	0	0
October -	4.9	6.4		18.640	3.710	5th	23	0	0	10				0	14	38	7	0	0	0	3	0
November -	3.9	5.1		10.020	2.770	16th	12	0	0	3				8	14	33	2	0	0	0	3	0
December -	2.8	3.5		3.580	2.580	2nd	2	0	0	2				3	28	24	3	0	0	0	4	0
Year -	2.9	3.9		59.250	—	—	83	0	0	53				67	193	343	93	0	5	0	29	0

UP PARK CAMP.

1871.				ins.	ins.																	
January -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
February -	3.1	4.5		0.770	.350	9th	6	0	0	0				6	11	27	8	0	1	0	3	0
March -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
April -	3.0	4.8		1.270	.780	20th	4	0	0	0				4	16	20	18	0	0	0	2	0
May -	3.8	4.7		3.010	1.330	6th	6	0	0	9				2	8	44	6	0	0	0	2	0
June -	3.3	4.1		1.790	.800	1st	4	0	0	6				0	12	43	5	0	0	0	0	0
July -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
August -	2.8	4.8		0.280	.220	26th	2	0	0	18				—	—	—	—	—	—	—	—	—
September -	—	—		—	—	—	—	—	—	—				3	12	33	13	0	0	0	1	0
October -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
November -	3.6	4.5		6.070	2.930	18th	10	0	0	3				7	18	2	32	0	0	0	1	0
December -	2.6	3.7		0.620	.260	8th	6	0	0	5				8	16	6	28	0	2	0	2	0
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

UP PARK CAMP.

1872.				ins.	ins.																	
January -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
February -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
March -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
April -	4.5	5.6		2.290	1.730	23rd	4	0	0	4				0	2	24	21	13	0	0	0	0
May -	4.7	6.0		2.060	1.590	9th	4	0	0	11				4	10	15	30	2	1	0	0	0
June -	4.9	5.0		1.470	.860	10th	5	0	0	19				1	6	5	46	0	0	0	2	0
July -	4.7	5.0		1.960	1.090	31st	5	0	0	18				2	8	3	48	0	0	0	1	0
August -	4.2	5.2		4.870	1.970	25th	11	0	0	17				2	9	8	42	0	0	1	0	0
September -	4.7	5.5		0.850	.250	9th	8	0	0	24				5	3	5	45	0	2	0	0	0
October -	3.2	4.0		0.610	.440	19th	4	0	0	15				4	3	2	51	0	1	0	1	0
November -	2.9	3.7		1.600	1.020	23rd	4	0	0	4				4	9	4	41	1	1	0	0	0
December -	2.4	3.9		3.620	.920	31st	10	0	0	6				8	11	3	38	0	1	0	0	1
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—



UP PARK CAMP, JAMAICA (A.M.D.). Long. 76° 57' W. Lat. 17° 59' N. Height above Mean Sea Level, 225 feet till July 1874,

1873.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	80° 5	82° 0	78° 4	63° 2	93° 6	60° 0	30th	98° 5	7th	·637	·654	—	60	59	—
February -	—	—	81° 5	83° 7	78° 6	61° 8	95° 4	59° 5	2nd, 21st	100° 0	26th	·591	·609	—	55	53	—
March -	—	—	81° 3	81° 9	78° 1	62° 8	93° 3	60° 5	18th	101° 0	1st, 23rd	·629	·629	—	59	57	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	86° 4	86° 5	81° 7	67° 2	96° 2	64° 5	9th	101° 0	26th	·680	·695	—	54	55	—
July -	—	—	87° 4	87° 0	83° 3	68° 5	98° 1	65° 5	7th	104° 0	11th	·671	·700	—	52	54	—
August -	—	—	85° 4	85° 0	82° 0	67° 2	96° 8	65° 0	6th, 7th	103° 0	31st	·744	·738	—	61	61	—
September -	—	—	84° 9	83° 7	82° 0	67° 0	97° 0	64° 0	20th	106° 0	2nd	·752	·739	—	62	63	—
October -	—	—	84° 3	84° 3	80° 7	65° 4	95° 9	59° 5	20th	102° 0	22nd	·739	·710	—	62	59	—
November -	—	—	85° 7	85° 6	81° 2	64° 9	97° 5	62° 0	4th	102° 0	7th, 8th	·698	·704	—	57	57	—
December -	—	—	83° 9	84° 6	80° 4	63° 3	97° 5	59° 5	15th	99° 3	5th	·635	·638	—	54	54	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## UP PARK CAMP, JAMAICA (A.M.D.)

1874.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	81° 6	83° 3	78° 8	62° 0	95° 6	58° 5	31st	99° 0	23rd	·679	·696	—	63	61	—
February -	—	—	82° 7	84° 0	79° 5	62° 6	96° 4	59° 8	1st	100° 1	6th	·667	·706	—	60	60	—
March -	—	—	83° 3	85° 8	79° 1	62° 0	96° 2	59° 3	9th	100° 6	15th	·684	·696	—	59	57	—
April -	—	—	83° 3	85° 2	79° 7	64° 0	95° 4	60° 3	8th	98° 3	12th	·680	·707	—	59	58	—
May -	—	—	81° 0	84° 4	79° 7	64° 0	95° 4	62° 1	12th	97° 4	4th	·707	·713	—	67	60	—
June -	—	—	83° 4 <sup>7</sup>	85° 4 <sup>7</sup>	79° 9 <sup>7</sup>	64° 3 <sup>7</sup>	95° 5 <sup>7</sup>	61° 2	1st	97° 3	12, 18, 22	·739 <sup>7</sup>	·765 <sup>7</sup>	—	64 <sup>7</sup>	62 <sup>7</sup>	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	29° 672	29° 620	—	—	82° 0	72° 3	91° 7	68° 0	30th	95° 0	20th	—	—	—	—	—	—
November -	·714	·625	—	—	81° 1	68° 8	93° 4	60° 0	24th	94° 0	18, 19	—	—	—	—	—	—
December -	29° 745	29° 700	—	—	79° 5	65° 4	93° 6	64° 8	1st, 4th	93° 8	5, 20, 31	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## UP PARK CAMP, JAMAICA (A.M.D.).

Height above Mean Sea Level, 235 feet.

1875.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29° 798	29° 706	—	—	79° 4	64° 6	94° 2	63° 7	23rd	94° 6	30th	—	—	—	—	—	—
February -	·814	·714	—	—	78° 8	63° 0	94° 6	61° 0	3rd	99° 2	28th	—	—	—	—	—	—
March -	29° 809	29° 716	83° 3	83° 1	78° 5	65° 0	91° 9	63° 0	3rd	95° 2	27, 29, 31	·641	·643	—	56	58	—
April -	—	—	81° 6	82° 2	80° 1	64° 8	95° 3	59° 0	21st	97° 1	5th	·595	·522	—	55	47	—
May -	—	—	83° 2	84° 2	81° 0	64° 3	97° 7	62° 0	31st	99° 0	12, 17, 23	·550	·624	—	52	54	—
June -	—	—	85° 3	86° 5	80° 8	63° 0	98° 6	61° 0	21st	100° 0	20, 27, 28	·617	·691	—	53	53	—
July -	—	—	85° 7	89° 7	82° 0	64° 2	99° 8	62° 0	24th	101° 0	15, 22, 29	·638	·662	—	52	46	—
August -	—	—	88° 1	90° 2	82° 2	63° 8	100° 6	62° 0	13th	102° 0	23rd	·617	·646	—	45	44	—
September -	—	—	87° 8	88° 5	82° 8	65° 1	100° 4	60° 0	15th	104° 0	3rd	·724	·724	—	55	53	—
October -	—	—	88° 7	90° 2	83° 9	67° 3	100° 4	62° 0	20th	101° 0	1, 15, 30	·663	·641	—	48	44	—
November -	—	—	88° 6	89° 8	82° 5	64° 5	100° 4	62° 0	25th	101° 0	1, 15, 30	·683	·699	—	49	49	—
December -	—	—	82° 3	83° 5	82° 0	63° 5	100° 5	62° 0	2, 15, 28	101° 0	2, 17, 31	·741	·738	—	67	68	—
Year -	—	—	—	—	81° 2	64° 4	97° 9	—	—	—	—	—	—	—	—	—	—

## UP PARK CAMP, JAMAICA (A.M.D.).

1876.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	83° 6	84° 9	81° 1	64° 1	98° 0	60° 0	4th	101° 0	1st	·583	·630	—	51	52	—
February -	—	—	83° 7	84° 2	80° 0	64° 2	95° 7	60° 0	19th	98° 0	16th	·591	·590	—	51	49	—
March -	—	—	82° 8	84° 0	80° 3	64° 0	96° 6	63° 0	1, 8, 17	98° 0	10, 15, 16	·690	·679	—	61	58	—
April -	—	—	84° 9	84° 9	81° 4	64° 1	98° 7	63° 0	3, 13, 25	99° 0	7, 14, 27	·679	·684	—	57	57	—
May -	—	—	85° 0	83° 9	81° 4	64° 2	98° 6	63° 0	8, 18, 31	99° 0	8, 17, 28	·711	·719	—	60	61	—
June -	—	—	87° 4	86° 1	81° 5	64° 3	98° 6	63° 0	3, 9, 12	99° 0	3, 17, 30	·713	·709	—	55	57	—
July -	—	—	37° 4 <sup>12</sup>	85° 2 <sup>12</sup>	—	—	100° 4 <sup>12</sup>	—	—	102° 0	12, 17	·642 <sup>12</sup>	·665 <sup>12</sup>	—	51 <sup>12</sup>	57 <sup>12</sup>	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	—	—	82° 7	83° 6	—	—	—	—	—	—	—	·816	·811	—	70	70	—
November -	—	—	82° 0	82° 3	—	—	—	—	—	—	—	·808	·824	—	74	75	—
December -	—	—	85° 1	84° 5	—	—	—	—	—	—	—	·796	·794	—	66	66	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

then 235 feet. Thermometers, 2 feet above ground. Rain-gauge on or near the ground.

## UP PARK CAMP.

1873.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	2.8	4.0		2.620	1.050	20th	10	0	0	4				3	15	2	38	0	0	0	0	4
February -	3.1	4.0		0.170	.170	11th	1	0	0	0				1	12	0	40	0	2	0	0	1
March -	2.9	5.0		2.940	1.050	10th	6	0	0	3				1	9	0	46	0	3	1	0	2
April -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
May -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
June -	2.8	3.7		0.860	.680	10th	3	0	0	9				0	9	2	44	0	1	0	1	3
July -	2.7	4.7		0.520	.240	31st	3	0	0	9				1	9	0	37	3	5	0	1	6
August -	2.9	5.2		9.900	7.600	6th	11	0	0	17				3	15	0	26	1	9	0	2	6
September -	4.5	5.4		9.140	2.520	30th	11	0	0	13				0	11	0	38	0	4	2	1	4
October -	3.8	4.6		14.970	10.450	1st	9	0	0	7				0	9	0	44	0	4	0	0	5
November -	3.0	4.3		0.080	.080	12th	1	0	0	0				0	19	0	38	0	0	0	0	3
December -	3.1	2.6		1.300	.900	9th	3	0	0	0				0	39	0	23	0	0	0	0	0
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

## UP PARK CAMP.

				ins.	ins.																	
1874.				ins.	ins.																	
January -	1.9	2.7		1.610	.400	2.5	6	0	0	0				2	24	0	26	0	0	0	2	8
February -	2.0	2.9		0.650	.300	10th	4	0	0	1				0	11	0	38	1	0	0	1	5
March -	2.4	2.4		0.260	.130	17, 29	2	0	0	0				0	4	0	54	1	0	0	0	3
April -	2.8	2.7		1.200	.750	14th	3	0	0	0				0	0	3	55	2	0	0	0	0
May -	2.9	2.5		1.880	.550	26th	6	0	0	1				0	14	0	48	0	0	0	0	0
June -	2.8	3.0		3.400	1.050	2nd	6	0	0	0				0	6	0	54	0	0	0	0	0
July -	2.2	2.5		—	—	—	—	0	0	2				0	6	0	54	0	0	2	0	0
August -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
September -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
October -	2.6	3.4		13.600	3.900	31st	18	0	0	2				0	15	0	40	0	0	0	7	0
November -	3.6	3.1		6.570	3.900	1st	13	0	0	5				7	35	0	16	1	0	0	1	0
December -	1.4	3.0		2.110	1.950	14th	4	0	0	0				1	41	0	20	0	0	0	0	0
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

## UP PARK CAMP.

				ins.	ins.																	
1875.				ins.	ins.																	
January -	2.0	2.9		1.220	.850	19th	3	0	0	0				3	34	0	25	0	0	0	0	0
February -	2.0	2.5		0.130	.090	9th	2	0	0	0				1	26	1	28	0	0	0	0	0
March -	2.7	3.9		1.860	.810	31st	7	0	0	3				0	4	22	33	2	0	0	1	0
April -	3.2	3.6		1.560	.590	17th	6	0	0	1				0	4	1	55	0	0	0	0	0
May -	5.1	5.6		6.330	2.100	20th	9	0	0	2				0	1	0	61	0	0	0	0	0
June -	5.2	5.8		1.540	.790	5th	5	0	0	2				1	1	2	54	2	0	0	0	0
July -	7.3	7.3		1.030	.560	8th	6	0	0	6				0	0	0	62	0	0	0	0	0
August -	5.8	7.4		3.160	.750	10th	13	0	0	14				2	10	0	50	0	0	0	0	0
September -	6.4	7.5		8.550	4.000	13th	15	0	0	11				0	12	2	46	0	0	0	0	0
October -	6.0	7.4		7.200	6.250	22nd	7	0	0	8				0	7	0	55	0	0	0	0	0
November -	4.8	7.1		0.160	.070	29th	4	0	0	0				0	0	0	60	0	0	0	0	0
December -	6.4	7.4		5.980	2.250	25th	9	0	0	1				0	3	11	48	0	0	0	0	0
Year -	4.7	5.7		38.720	—	—	86	0	0	48				7	102	39	577	4	0	0	1	0

## UP PARK CAMP.

				ins.	ins.																	
1876.				ins.	ins.																	
January -	5.7	6.6		12.930	3.600	6th	8	0	0	0				0	7	12	43	0	0	0	0	0
February -	3.2	4.7		0.540	.500	27th	4	0	0	0				1	9	5	43	0	0	0	0	0
March -	2.3	3.0		0.030	.030	15th	1	0	0	0				0	17	0	44	0	1	0	0	0
April -	2.3	3.5		1.610	.560	30th	4	0	0	0				2	13	0	45	0	0	0	0	0
May -	2.5	3.7		3.760	1.250	16th	13	0	0	0				0	7	0	54	0	1	0	0	0
June -	2.5	3.7		0.940	.650	3rd	3	0	0	1				1	2	8	46	3	0	0	0	0
July -	2.9	3.8		6.590	2.400	19th	11	0	0	7				—	—	—	—	—	—	—	—	—
August -	3.3	3.9		4.090	1.120	17th	14	0	0	0				—	—	—	—	—	—	—	—	—
September -	3.7	4.3		6.230	2.140	15th	13	0	0	4				—	—	—	—	—	—	—	—	—
October -	3.6	3.8		14.740	5.970	14th	16	0	0	0				0	22	13	26	1	0	0	0	0
November -	3.3	4.4		6.030	1.150	25th	18	0	0	0				3	20	24	13	0	0	0	0	0
December -	3.2	3.3		3.140	1.400	29th	7	0	0	3				7	24	18	13	0	0	0	0	0
Year -	3.2	4.1		60.630	—	—	112	0	0	15				—	—	—	—	—	—	—	—	—



## UP PARK CAMP, JAMAICA (A.M.D.).

Long. 76° 57' W. Lat. 17° 59' N. Height above Mean Sea Level 235 feet.

1877.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.	—	—	—	—	—	—	—	—	—	in.	in.	in.	%	%	%
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	84.1	83.6	—	69.0	—	61.0	7th, 11th	—	—	.784	.811	—	66	70	—
May -	—	—	84.2	84.0	—	70.0	—	61.0	1st	—	—	.746	.817	—	63	68	—
June -	—	—	85.0	85.0	—	72.0	—	68.0	2nd, 29th	—	—	.826	.855	—	68	70	—
July -	—	—	86.5	86.7	—	71.0	—	67.0	3rd	—	—	.830	.896	—	64	70	—
August -	—	—	85.7	87.3	—	71.3	—	68.0	5th, 28th	—	—	.854	.956	—	69	74	—
September -	—	—	86.0	87.1	—	69.3	—	62.0	4th	—	—	.814	.928	—	64	72	—
October -	—	—	86.3	87.1	80.8	66.4	95.2	60.0	22, 23	100.0	22, 23	.871	.941	—	69	73	—
November -	—	—	85.0	85.4	81.2	66.7	95.7	63.0	2, 9, 18	99.0	1, 9, 18	.770	.848	—	63	68	—
December -	—	—	84.8	85.6	83.5	70.7	96.3	69.0	24, 28, 30	99.0	1, 11, 25	.824	.904	—	68	74	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## UP PARK CAMP, JAMAICA (A.M.D.).

1878.	ins.	ins.	—	—	—	—	—	—	—	—	—	in.	in.	in.	%	%	%
January -	—	—	84.0	85.3	82.5	69.5	95.5	63.0	24th	99.0	24, 28	.765	.882	—	64	72	—
February -	—	—	84.7	85.8	84.6	73.6	95.6	63.0	23, 25	98.0	5th, 27th	.824	.901	—	69	74	—
March -	—	—	85.7	86.3	82.4	68.8	96.0	61.0	12th	99.0	16th	.861	.919	—	69	73	—
April -	—	—	84.8	85.9	82.8	69.6	96.0	63.0	23, 29, 30	99.0	9, 13, 26	.818	.923	—	65	73	—
May -	—	—	85.7	86.7	82.9	69.2	96.6	63.0	12, 26, 30	99.0	6, 18, 28	.828	.926	—	65	73	—
June -	—	—	85.4	85.8	82.8	70.1	95.4	63.0	5th, 24th	99.0	10, 13, 15	.821	.867	—	67	69	—
July -	—	—	84.4	85.4	83.6	70.6	96.6	61.0	11th	100.0	13th	.823	.860	—	69	70	—
August -	—	—	84.4	84.8	82.4	69.3	95.4	61.0	2nd	99.0	4th	.840	.856	—	70	71	—
September -	—	—	84.1	85.5	82.5	68.7	96.3	61.0	11, 30	102.0	4th	.844	.878	—	73	71	—
October -	—	—	84.4	85.4	82.3	68.5	96.1	62.0	14th	99.0	14, 26	.832	.880	—	70	71	—
November -	—	—	84.8	86.1	82.5	68.1	96.9	63.0	8, 19, 30	99.0	14, 24, 26	.837	.907	—	69	72	—
December -	—	—	83.6	85.4	82.5	68.4	96.6	63.0	13, 30, 31	99.0	2nd	.800	.894	—	69	72	—
Year -	—	—	84.7	85.7	82.8	69.5	96.1	—	—	—	—	.824	.891	—	68.3	71.8	—

## UP PARK CAMP, JAMAICA (A.M.D.).

1879.	ins.	ins.	—	—	—	—	—	—	—	—	—	in.	in.	in.	%	%	%
January -	—	—	83.9	86.0	80.7	64.9	96.5	60.0	6, 15	99.0	24th	.775	.909	—	65	72	—
February -	—	—	84.3	86.2	82.4	68.0	96.8	62.0	14th	98.0	1, 13, 25	.809	.912	—	68	71	—
March -	—	—	83.7	85.5	80.4	64.8	96.0	61.0	6th	99.0	24th	.773	.890	—	66	72	—
April -	—	—	84.0	86.3	80.9	65.4	96.4	60.0	6th	99.0	22nd	.789	.928	—	67	73	—
May -	—	—	83.7	84.8	80.6	64.5	96.6	60.0	7, 29	99.0	6, 17, 20	.790	.845	—	68	73	—
June -	—	—	84.0	85.3	82.0	67.5	96.4	62.0	24th	99.0	20th	.806	.887	—	68	72	—
July -	—	—	86.0	87.4	83.2	69.4	97.0	64.0	10th	100.0	12th	.771	.914	—	61	69	—
August -	—	—	84.7	86.0	83.0	69.0	97.0	63.0	13, 23, 31	99.0	2, 10, 16	.819	.916	—	67	73	—
September -	—	—	84.8	87.2	81.7	66.5	96.8	63.0	2, 15, 27	99.0	13, 16, 19	.772	.894	—	67	69	—
October -	—	—	83.3	84.5	80.7	67.2	94.2	60.0	16th	98.0	19, 31	.829	.839	—	72	70	—
November -	—	—	85.6	87.6	81.8	66.5	97.0	62.0	2nd, 6th	99.0	14, 16, 18	.837	.923	—	68	71	—
December -	—	—	84.9	87.4	81.7	66.0	97.4	62.0	3rd	99.0	9, 25, 31	.868	.925	—	71	71	—
Year -	—	—	84.4	86.2	81.6	66.6	96.5	—	—	—	—	.803	.899	—	67.3	71.3	—

## UP PARK CAMP, JAMAICA (A.M.D.).

1880.	ins.	ins.	—	—	—	—	—	—	—	—	—	in.	in.	in.	%	%	%
January -	29.674	29.620	84.3	86.4	80.8	65.4	96.2	62.0	10, 20	99.0	1, 6, 29	.814	.878	—	69	71	—
February -	.714	.670	84.2	85.3	86.1	73.8	98.3	64.0	6th	99.0	2, 17, 29	.846	.874	—	71	73	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	.797 <sup>5</sup>	.722 <sup>5</sup>	82.2 <sup>5</sup>	82.7 <sup>5</sup>	78.5 <sup>5</sup>	66.5 <sup>5</sup>	90.4 <sup>5</sup>	65.0	10, 15, 22	96.0	27th	.785 <sup>5</sup>	.782 <sup>5</sup>	—	71 <sup>5</sup>	69 <sup>5</sup>	—
May -	.773	.714	—	—	79.8	70.4	89.1	66.0	4, 5, 7	97.0	15th	—	—	—	—	—	—
June -	.805	.713	86.1	87.3	80.4	71.0	89.7	69.0	3rd	94.0	28, 29, 30	.751	.740	—	60	57	—
July -	.812	.722	86.1	86.3	79.5	70.4	88.5	68.0	14th	94.0	2nd	.763	.778	—	61	61	—
August -	.751	.687	83.6	84.3	—	70.0	—	68.0	8th, 18th	—	—	.740	.749	—	64	63	—
September -	.771	.701	85.8	86.4	—	70.0	—	67.0	8th	—	—	.729	.737	—	59	58	—
October -	.764	.694	86.1	84.4	82.3	74.5	90.1	69.0	12th	93.0	5th, 7th	.741	.754	—	59	63	—
November -	29.819	29.723	83.6	—	80.4	72.0	88.8	69.0	10th	92.0	28th	.673	—	—	58	—	—
December -	—	—	81.4	81.7	78.2	69.5	86.9	66.0	15th	91.0	2nd	.599	.608	—	54	56	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

UP PARK CAMP.

1877.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	—	—	—	ins.	ins.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	5.2	5.3	—	1.300	5.20	25th	6	0	0	2	—	—	—	6	5	40	1	0	0	0	0	8
May -	7.3	7.5	—	29.120	5.550	21st	14	0	0	12	—	—	—	6	6	40	2	1	1	0	0	6
June -	5.5	5.6	—	6.600	5.030	9th	6	0	0	12	—	—	—	1	7	38	8	3	0	1	0	2
July -	4.7	5.8	—	1.370	3.70	15th	8	0	0	11	—	—	—	1	3	45	9	1	0	0	0	3
August -	3.6	4.2	—	0.300	2.20	28th	2	0	0	6	—	—	—	2	4	54	1	0	0	0	0	1
September -	3.9	5.2	—	4.050	1.360	6th	7	0	0	16	—	—	—	7	14	25	12	1	1	0	0	0
October -	3.9	4.6	—	0.450	2.80	19th	2	0	0	6	—	—	—	0	8	35	19	0	0	0	0	0
November -	4.5	5.9	—	10.390	3.310	11th	10	0	0	2	—	—	—	0	12	14	30	0	1	0	0	3
December -	4.3	5.4	—	2.510	6.20	10th	6	0	0	2	—	—	—	1	34	10	15	1	0	0	0	1
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

UP PARK CAMP.

1878.				ins.	ins.																	
January -	5.2	5.5	—	3.600	1.080	20th	10	0	0	0	—	—	—	0	9	5	48	0	0	0	0	0
February -	4.1	4.9	—	1.360	1.110	17th	2	0	0	0	—	—	—	0	23	2	31	0	0	0	0	0
March -	3.7	4.3	—	1.770	880	6th	3	0	0	0	—	—	—	0	13	6	42	0	0	0	0	1
April -	3.2	4.0	—	0.820	820	7th	1	0	0	0	—	—	—	0	5	0	55	0	0	0	0	0
May -	3.5	4.9	—	2.660	720	2nd	8	0	0	10	—	—	—	0	4	1	56	0	1	0	0	0
June -	5.0	5.4	—	9.850	6.180	1st	10	0	0	9	—	—	—	0	3	1	53	0	0	0	0	3
July -	4.5	5.7	—	4.180	2.530	25th	9	0	0	11	—	—	—	0	1	0	60	0	0	0	0	1
August -	4.9	6.0	—	10.340	2.920	11th	14	0	0	23	—	—	—	0	12	18	28	0	0	0	4	0
September -	4.9	5.7	—	6.200	2.830	9th	10	0	0	22	—	—	—	0	44	7	7	0	0	0	2	0
October -	5.0	6.3	—	5.060	2.820	20th	8	0	0	20	—	—	—	0	56	0	4	0	1	0	0	1
November -	5.6	5.3	—	4.300	3.430	10th	5	0	0	7	—	—	—	0	56	0	1	0	0	0	0	3
December -	4.9	5.5	—	4.160	2.130	6th	9	0	0	0	—	—	—	0	53	3	5	0	0	0	0	1
Year -	4.4	5.3	—	54.300	—	—	89	0	0	102	—	—	—	0	279	43	390	0	2	0	6	10

UP PARK CAMP.

1879.				ins.	ins.																	
January -	3.7	4.9	—	0.370	1.190	5th	2	0	0	0	—	—	—	4	56	0	1	0	0	0	0	1
February -	3.4	4.8	—	1.950	1.080	23rd	5	0	0	0	—	—	—	0	53	0	3	0	0	0	0	0
March -	3.6	5.0	—	0.850	1.190	22nd	5	0	0	7	—	—	—	4	53	1	3	0	0	0	0	1
April -	4.2	4.8	—	4.530	1.780	27th	10	0	0	4	—	—	—	0	39	0	19	0	0	0	0	2
May -	4.5	5.6	—	3.560	1.150	28th	7	0	0	11	—	—	—	0	37	0	22	0	2	0	0	1
June -	5.9	6.3	—	6.630	1.430	16th	13	0	0	21	—	—	—	0	41	0	19	0	0	0	0	0
July -	3.7	5.0	—	0.430	1.150	6, 19	4	0	0	23	—	—	—	0	26	0	31	0	1	0	0	4
August -	4.5	6.1	—	13.270	3.280	26th	10	0	0	26	—	—	—	0	35	0	26	0	0	0	0	1
September -	4.3	5.7	—	5.660	2.280	9th	12	0	0	18	—	—	—	0	54	0	5	0	0	0	0	1
October -	5.5	6.6	—	40.120	6.390	13th	21	0	0	7	—	—	—	1	20	13	22	0	0	1	2	3
November -	3.2	4.5	—	1.460	720	3rd	4	0	0	2	—	—	—	10	9	1	40	0	0	0	0	0
December -	3.0	4.2	—	0.600	310	10th	4	0	0	0	—	—	—	0	16	22	23	1	0	0	0	0
Year -	4.1	5.3	—	79.430	—	—	97	0	0	119	—	—	—	19	439	37	214	1	3	1	2	14

UP PARK CAMP.

1880.				ins.	ins.																	
January -	3.3	4.2	—	4.250	2.250	15th	4	0	0	3	—	—	—	22	12	1	23	1	0	0	0	3
February -	3.3	4.1	—	0.000	0.000	—	0	0	0	0	—	—	—	26	0	3	29	0	0	0	0	0
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	3.9 <sup>5</sup>	5.0 <sup>5</sup>	—	—	—	—	—	0	0	2	—	—	—	—	—	—	—	—	—	—	—	—
May -	5.0	5.9	—	6.130	1.950	15th	11	0	0	4	—	—	—	—	—	—	—	—	—	—	—	—
June -	3.4	3.4	—	0.150	1.150	25th	1	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—
July -	2.7	3.9	—	2.900	730	12th	12	0	0	16	—	—	—	—	—	—	—	—	—	—	—	—
August -	3.3	4.7	—	8.040	3.670	18th	12	0	0	7	—	—	—	9	8	13	23	1	2	3	0	3
September -	3.2	4.0	—	1.730	900	30th	8	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—
October -	3.7	4.6	—	0.980	400	12th	5	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—
November -	3.3	3.3	—	1.000	270	16th	5	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—
December -	4.0	5.7	—	3.380	860	27th	9	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



UP PARK CAMP, JAMAICA (A.M.D.). Long. 76° 57' W. Lat. 17° 59' N. Height above Mean Sea Level, 235 feet till Dec. 1882,

1881.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.										in.	in.	in.	%	%	%
February -	29.847	29.781	81.8	82.7	78.7	69.5	87.8	67.0	13th	90.0	7, 23, 30	.539	.549		50	49	
March -	.774	.727	79.8	80.9	76.6	68.2	84.9	65.0	13th	90.0	1st	.555	.587		55	55	
April -	.786	.737	80.9	81.4	76.9	69.2	84.6	67.0	24, 25	90.0	16th	.708	.764		66	70	
May -	.831	.746	81.3	81.4	78.7	71.5	85.9	67.0	1st	90.0	23, 24	.788	.780		71	71	
June -	.719	.646	81.7	82.1	80.6	71.9	89.2	69.0	15, 28	101.0	19th	.731	.751		67	70	
July -	.775	.704	86.6	84.3	83.3	70.8	95.7	68.0	26th	105.0	6th	.780	.811		61	68	
August -	.813	.762	87.2	87.0	84.0	70.4	97.6	68.0	31st	104.0	7th, 11th	.734	.726		56	56	
September -	.758	.699	86.9	85.5	82.0	67.2	96.7	64.0	8, 15, 17	104.0	27th	.743	.704		57	57	
October -	.732	.689	83.7	83.4	78.1	65.4	90.8	62.0	4th, 6th	100.0	1st	.742	.759		63	65	
November -	.749	.691	82.3	81.7	77.8	67.0	88.5	63.0	3rd	92.0	9th	.733	.781		66	72	
December -	.756	.673	82.7	82.7	77.1	66.1	88.1	64.0	6th, 9th	92.0	15th	.725	.736		64	66	
	29.824	29.726	81.7	81.7	75.8	63.6	88.0	60.0	17,24,31	93.0	14th	.682	.698		63	64	
Year -	29.780	29.715	83.1	82.9	79.1	68.4	89.8	—	—	—	—	.705	.721		61.6	63.6	

## UP PARK CAMP, JAMAICA (A.M.D.).

1882.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.846	29.798	79.1	80.7	73.6	61.2	85.9	60.0	5, 11, 24	89.6	12, 24, 30	.563	.565		58	54	
February -	.890	.801	77.6	80.9	74.0	62.4	85.5	58.0	10th	88.6	18th	.574	.598		61	56	
March -	.901	.813	77.5	80.2	74.4	63.2	85.5	61.0	7, 12, 14	88.6	6th	.599	.622		64	60	
April -	.823	.755	80.8	80.5	76.1	64.4	87.7	62.0	9th	91.6	5th	.627	.667		61	65	
May -	.808	.738	82.1	81.9	77.1	66.0	88.2	63.0	5th	90.6	7, 8, 10	.676	.666		60	62	
June -	.825	.758	84.9	86.6	78.9	67.9	89.8	66.0	18th	93.6	2nd	.651	.686		53	50	
July -	.850	.786	83.9	84.6	80.1	70.6	89.6	67.0	7th	94.0	12th	.661	.696		57	62	
August -	.799	.741	83.8	83.9	78.5	68.7	88.3	66.0	18th	93.0	27th	.701	.746		62	64	
September -	.728	.654	83.3	83.5	78.6	68.9	88.3	66.0	25th	91.0	20th	.751	.817		67	72	
October -	.711	.627	82.4	83.5	77.1	67.4	86.8	64.0	5th	89.0	14th	.753	.798		68	72	
November -	.740	.657	82.4	83.0	76.6	65.7	87.4	64.0	14, 19, 24	92.0	26th	.692	.745		63	65	
December -	29.712	29.627	82.1	83.5	77.1	67.4	86.8	64.0	5th	89.0	14th	.710	.742		68	72	
Year -	29.803	29.730	81.7	82.7	76.9	66.2	87.5	—	—	—	—	.663	.696		61.8	62.8	

## UP PARK CAMP, JAMAICA (A.M.D.).

Height above Mean Sea Level, 245 feet.

1883.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.848	29.757	81.0	83.5	—	—	91.2	—	—	95.0	6, 7, 9	.718	.654		67	57	
February -	.841	.750	81.5	83.3	—	—	91.8	—	—	96.0	12th	.734	.681		68	59	
March -	.872	.789	83.4	84.5	—	—	91.2	—	—	95.0	1st	.705	.695		62	61	
April -	.823	.755	82.2	80.5	—	—	91.0	—	—	96.0	9th	.675	.667		61	65	
May -	.847	.782	84.9	84.5	—	—	92.5	—	—	96.0	16, 28, 30	.867	.814		72	70	
June -	.807	.757	85.0	85.0	—	—	92.6	—	—	97.0	24th	.875	.924		72	75	
July -	—	—	85.3	86.5	—	—	92.8	—	—	96.0	6th, 30th	.976	.984		75	75	
August -	.778	.734	86.9	86.4	—	—	95.0	—	—	99.0	17, 27, 29	.870	.957		68	76	
September -	.750	.677	85.3	84.7	—	—	95.0	—	—	99.0	22, 26, 28	.890	.881		73	74	
October -	.749	.689	85.8	85.7	—	—	96.2	—	—	99.0	9, 20, 31	.856	.914		70	73	
November -	—	—	84.3	84.3	—	—	95.9	—	—	99.0	1, 16, 23	.829	.880		71	75	
December -	29.785	29.711	83.0	84.4	—	—	93.4	—	—	100.0	26th	.760	.831		67	70	
Year -	—	—	84.1	84.4	—	—	93.2	—	—	—	—	.813	.824		68.8	69.2	

## UP PARK CAMP, JAMAICA (A.M.D.).

1884.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.780	29.690	82.3	84.3	—	—	92.4	—	—	98.0	22nd	.771	.823		70	75	
February -	.761	.683	81.4	81.9	—	—	92.1	—	—	104.0	18th	.763	.856		71	78	
March -	.754	.678	81.3	81.2	—	—	88.8	—	—	95.0	30th	.737	.745		69	70	
April -	.707	.630	84.3	83.0	—	—	90.3	—	—	97.0	12th	.797	.832		68	74	
May -	.681	.619	85.1	82.6	—	—	—	—	—	—	—	.847	.863		70	78	
June -	.663	.615	85.3	82.2	—	—	—	—	—	—	—	.859	.850		79	77	
July -	.710	.652	88.4	85.9	—	—	—	—	—	—	—	.783	.744		58	59	
August -	29.801	29.756	86.4	83.3	—	—	—	—	—	—	—	.818	.761		65	65	
September -	—	—	87.3	83.9	—	70.4	—	66.0	7th	—	—	.812	.820		62	70	
October -	—	—	83.7	82.1	—	71.0	—	69.0	8th, 18th	—	—	.854	.843		73	77	
November -	—	—	84.4	82.1	—	69.8	—	68.0	17th	—	—	.826	.833		70	76	
December -	—	—	83.4	81.0	—	68.7	—	65.0	3rd	—	—	.798	.816		69	77	
Year -	—	—	84.4	82.8	—	—	—	—	—	—	—	.805	.816		68.7	73.0	

then 245 feet. Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

## UP PARK CAMP.

1881.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	2'9	3'6		ins. 0'540	ins. '500	19th	2	0	0	0				—	—	—	—	—	—	—	—	—	
February -	3'4	4'5		5'300	1'900	22nd	6	0	0	0				—	—	—	—	—	—	—	—	—	
March -	3'4	5'2		1'180	'750	30th	4	0	0	0				—	—	—	—	—	—	—	—	—	
April -	5'1	5'8		1'980	'700	30th	10	0	0	1				—	—	—	—	—	—	—	—	—	
May -	5'0	5'9		12'450	6'350	28th	15	0	0	7				—	—	—	—	—	—	—	—	—	
June -	5'0	5'9		2'070	'570	19th	10	0	0	4				6	2	3	32	6	2	6	3	0	
July -	5'4	5'4		4'070	1'500	25th	6	0	0	3				1	3	5	39	1	2	9	2	0	
August -	4'0	5'0		5'170	'800	8th	14	0	0	10				4	10	1	38	7	0	0	2	0	
September	5'6	6'9		3'340	1'500	2nd	15	0	0	9				0	7	0	40	4	6	2	1	0	
October -	5'1	6'4		9'760	2'250	8th	17	0	0	1				6	7	1	21	13	7	4	3	0	
November	4'3	6'5		4'430	1'750	18th	11	0	0	0				8	7	1	29	8	4	0	3	0	
December	3'7	5'5		1'770	1'000	7th	5	0	0	0				12	10	0	28	0	5	3	4	0	
Year -	4'4	5'6		52'060	—	—	115	0	0	35				—	—	—	—	—	—	—	—	—	

## UP PARK CAMP.

				ins.	ins.																	
1882.																						
January -	4'3	4'4		0'530	'360	4th	4	0	0	0				5	4	1	28	4	16	3	1	0
February -	4'2	6'7		1'160	'780	11th	5	0	0	0				3	1	0	28	6	7	2	2	7
March -	5'1	6'6		1'240	'820	4th	4	0	0	2				5	1	2	31	2	13	6	2	0
April -	4'3	5'6		1'600	'500	8th	6	0	0	1				0	1	0	31	19	7	2	0	0
May -	4'7	5'8		2'000	1'500	16th	4	0	0	2				2	1	0	38	9	9	2	1	0
June -	4'6	4'9		0'100	'100	29th	1	0	0	0				0	0	2	44	4	4	6	0	0
July -	4'7	4'7		0'740	'320	28th	6	0	0	3				3	5	1	37	1	5	1	2	7
August -	4'2	4'8		3'430	2'240	17th	14	0	0	12				0	6	0	25	0	1	0	5	25
September -	3'8	5'1		4'970	1'540	22nd	13	0	0	10				0	12	0	20	1	1	0	1	25
October -	4'4	4'9		10'170	3'240	8th	15	0	0	10				0	3	0	29	0	1	0	0	29
November -	3'7	4'3		0'920	'340	5th	4	0	0	0				2	3	0	29	1	2	0	0	23
December -	4'5	4'8		1'070	'560	23rd	4	0	0	0				0	3	0	29	0	1	0	0	29
Year -	4'4	5'2		27'930	—	—	80	0	0	40				20	40	6	369	47	67	22	14	145

## UP PARK CAMP.

				ins.	ins.																	
1883.																						
January -	4'0	4'5		2'900	1'700	11th	3	0	0	0				2	3	0	31	0	0	1	2	23
February -	4'1	4'7		2'260	1'700	6th	8	0	0	6				2	4	1	17	1	3	9	0	19
March -	3'2	4'8		2'300	1'700	27th	4	0	0	0				4	1	0	21	5	10	1	1	19
April -	4'3	6'0		2'840	1'040	25th	9	0	0	3				5	2	1	22	14	6	3	5	2
May -	3'9	3'6		5'670	1'500	19th	14	0	0	2				4	7	1	15	5	9	9	7	5
June -	4'2	5'0		2'000	'600	5th	6	0	0	4				0	0	2	24	12	13	9	0	0
July -	3'5	3'6		0'660	'480	25th	2	0	0	2				2	0	10	30	12	5	3	0	0
August -	4'1	5'5		3'570	1'100	25th	8	0	0	12				4	2	1	25	12	9	7	2	0
September -	4'4	5'5		1'970	'600	11th	5	0	0	10				6	4	4	26	8	4	4	4	0
October -	4'1	5'2		5'210	2'300	26th	5	0	0	13				3	11	0	30	8	4	6	0	0
November -	3'9	5'0		2'510	'500	9, 11	10	0	0	0				4	2	4	28	8	4	8	2	0
December -	4'0	4'9		0'050	'020	1st	4	0	0	0				6	5	0	10	12	4	7	3	15
Year -	4'0	4'9		31'940	—	—	78	0	0	52				42	41	24	279	97	71	67	26	83

## UP PARK CAMP.

				ins.	ins.																	
1884.																						
January -	3'0	4'6		1'030	'470	10th	4	0	0	0				13	8	1	14	7	5	3	1	10
February -	3'2	5'0		0'760	'600	27th	4	0	0	0				5	3	0	22	8	5	3	3	9
March -	3'0	4'0		1'680	1'200	9th	4	0	0	0				5	1	2	25	7	7	10	2	3
April -	2'4	4'0		0'260	'250	6th	2	0	0	3				0	2	0	25	17	11	2	1	2
May -	2'6	4'5		2'520	1'100	30th	4	0	0	4				3	0	1	33	6	12	1	3	3
June -	3'6	6'0		2'680	'600	11, 12	7	0	0	5				1	4	0	32	5	3	2	5	8
July -	3'1	3'3		0'500	'300	26th	2	0	0	2				1	3	0	41	6	5	0	5	1
August -	3'3	4'0		5'270	1'300	7th	12	0	0	1				1	2	0	36	4	14	0	5	0
September -	2'9	3'1		3'770	1'500	28th	9	0	0	4				2	1	0	41	4	6	4	2	0
October -	3'0	3'0		11'570	6'120	8th	16	0	0	1				1	8	0	39	6	2	1	4	1
November -	2'7	2'8		2'030	'700	3rd	10	0	0	0				3	11	1	35	2	3	1	3	1
December -	2'2	2'0		0'800	'700	20th	2	0	0	0				1	6	0	49	1	1	1	3	0
Year -	2'9	3'9		32'870	—	—	76	0	0	20				36	49	5	392	73	74	28	37	38



## UP PARK CAMP, JAMAICA (A.M.D.).

Long. 76° 57' W. Lat. 17° 59' N. Height above Mean Sea Level, 245 feet.

1885.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	—	—	82° 1	84° 2	—	66° 9	—	62° 0	28th	—	—	·677	·720	—	61	61	—
February -	—	—	83° 1	82° 7	—	66° 6	—	64° 0	20th	—	—	·691	·711	—	60	63	—
March -	—	—	84° 4	84° 1	—	67° 4	—	64° 0	1st	—	—	·715	·710	—	59	60	—
April -	—	—	84° 8	84° 2	—	68° 0	—	64° 0	6th	—	—	·749	·733	—	62	62	—
May -	—	—	85° 8	85° 9	—	70° 7	—	67° 0	7th	—	—	·746	·736	—	60	59	—
June -	—	—	86° 9	86° 8	—	72° 4	—	70° 0	8, 13, 14	—	—	·851	·803	—	65	62	—
July -	—	—	87° 7	87° 6	—	72° 9	—	70° 0	27th	—	—	·813	·798	—	62	60	—
August -	—	—	86° 4	—	—	—	—	—	—	—	—	·818	—	—	64	—	—
September -	—	—	84° 9	86° 6	—	67° 9	—	66° 0	13th	—	—	·653	·654	—	53	50	—
October -	—	—	82° 1	84° 2	—	66° 9	—	62° 0	12th	—	—	·677	·720	—	61	61	—
November -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## UP PARK CAMP, JAMAICA (A.M.D.).

1886.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	83.5	87.5	79.3	68.1	90.4	60.0	20th	100.0	22nd	.850	.922	—	72	69	—
March -	—	—	85.1	86.9	80.6	68.0	93.2	64.0	5th	99.0	31st	.757	.796	—	61	60	—
April -	—	—	84.9	—	81.7	70.0	93.4	64.0	16th	99.0	11th	.763	—	—	62	—	—
May -	—	—	85.4	87.4	82.1	72.0	92.1	65.0	5th	98.0	23rd	.827	.904	—	66	68	—
June -	—	—	84.5	85.4	81.7	72.2	91.1	69.0	24th	98.0	4th	.809	.863	—	66	68	—
July -	—	—	84.5	86.7	81.5	71.1	91.8	70.0	7, 19, 31	99.0	22nd	.788	.834	—	65	64	—
August -	—	—	84.8	84.3	80.9	72.1	89.6	70.0	1, 9, 28	94.0	9th	.828	.882	—	68	74	—
September -	—	—	85.5	84.9	81.4	71.1	91.7	68.0	13, 17	96.0	16th	.841	.837	—	67	69	—
October -	—	—	83.7	84.6	80.8	71.0	90.5	66.0	17th	99.0	13th	.828	.853	—	69	70	—
November -	—	—	83.6	84.6	80.2	69.3	91.0	64.0	29th	94.0	18th	.745	.763	—	64	62	—
December -	—	—	80.8	82.1	78.7	67.3	90.0	63.0	3, 4, 24	94.0	21st	.701	.729	—	65	65	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## NEWCASTLE, JAMAICA (A.M.D.).

Long. 76° 42' W. Lat. 18° 6' N. Height above Mean Sea Level, 3,800 feet.

1866.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	65.6	65.7	63.5	57.2	69.8	50.0	11, 28	78.0	4th	.451	.485	—	72	77	—
February -	26.413	26.380	66.5	67.3	64.9	58.4	71.4	55.0	28th	76.0	6th	.461	.508	—	71	75	—
March -	—	—	63.5	64.6	62.3	56.8	67.7	53.0	11, 13	71.0	25, 26	.434	.423	—	75	70	—
April -	26.326	26.277	67.3	67.4	64.9	59.3	70.5	57.0	6, 8, 11	73.0	17, 23, 30	.494	.531	—	74	80	—
May -	.278	.243	69.6	68.9	67.8	62.8	72.8	61.0	1, 3, 16	75.0	6, 12, 30	.560	.548	—	78	77	—
June -	.334	.300	70.3	70.8	69.0	64.6	73.3	62.0	8, 12, 18	76.0	28th	.561	.590	—	76	78	—
July -	.317	.292	70.3	71.1	69.2	64.6	73.7	62.0	2nd, 3rd	76.0	13th	.568	.591	—	77	78	—
August -	.315	.280	71.2	71.4	69.5	64.7	74.2	63.0	16th	76.0	1, 14, 20	.566	.626	—	74	82	—
September -	.327	.288	72.0	71.6	70.2	65.2	75.1	64.0	1, 14, 28	78.0	30th	.613	.628	—	79	82	—
October -	.244	.194	70.9	69.7	69.2	64.4	74.0	63.0	12, 18, 21	76.0	1, 7, 26	.611	.622	—	81	86	—
November -	.269	.221	68.3	68.6	67.4	62.0	72.8	58.0	30th	76.0	17, 21, 22	.556	.596	—	80	85	—
December -	26.322	26.273	68.4	68.2	66.7	60.2	73.2	57.0	1st	80.5	10th	.529	.560	—	75	81	—
Year -	—	—	68.7	68.8	67.1	61.7	72.4	—	—	—	—	.534	.559	—	76.0	79.3	—

## NEWCASTLE, JAMAICA (A.M.D.).

Height above Mean Sea Level, 3,800 feet (except for Sept.—Nov., when it was 4,400 feet).

1867.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	26.336	26.295	66.9	67.8	66.0	59.5	72.4	57.0	1, 2, 18	76.5	15, 16	.489	.552	—	74	81	—
February -	.340	.296	65.9	66.9	64.9	59.3	70.5	57.0	7, 14, 15	75.0	6th	.500	.541	—	78	82	—
March -	.332	.288	67.0	69.7	66.0	59.8	72.1	56.0	26th	76.0	13, 31	.537	.566	—	81	78	—
April -	26.315	26.264	68.4	68.9	67.0	61.7	72.3	59.0	7th	76.0	2nd, 4th	.577	.598	—	83	84	—
May -	—	—	69.9	68.8	68.3	63.6	73.0	59.0	4th	76.0	11th	.659	.645	—	89	92	—
June -	—	—	70.9	69.7	69.2	64.1	74.3	62.0	4th	76.0	8th, 30th	.653	.639	—	86	87	—
July -	—	—	71.4	71.3	73.3	64.7	81.9	63.0	8, 29, 30	83.0	1, 17, 28	.635	.648	—	82	85	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	—	—	68.9	67.6	70.1	64.8	75.3	59.0	6th	78.0	1, 16, 24	.572	.550	—	81	85	—
October -	—	—	68.0	66.8	69.0	64.0	74.0	59.0	7th	78.0	1, 2, 30	.569	.551	—	83	84	—
November -	—	—	63.9	64.1	65.4	60.4	70.4	51.0	22nd	76.0	1st, 8th	.562	.594	—	95	99	—
December -	—	—	65.2	65.0	63.0	52.3	73.6	42.0	14th	84.0	27, 28	.504	.517	—	82	83	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

UP PARK CAMP.

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	2.5	2.4		ins.	ins.	26th	3	0	0	0				1	12	0	32	2	5	0	4	6	
February -	1.5	2.5		2.000	1.500	12th	3	0	0	0				0	5	0	35	0	3	0	4	9	
March -	2.1	3.1		0.400	.200	28th	4	0	0	0				2	2	1	35	2	14	1	1	4	
April -	1.8	4.0		3.100	1.000	19th	9	0	0	0				0	0	0	50	2	7	0	0	1	
May -	1.7	2.0		4.560	2.500	28th	3	0	0	2				0	1	0	54	4	3	0	0	0	
June -	1.6	2.7		2.550	1.000	3rd	7	0	0	0				0	1	0	43	2	5	0	2	7	
July -	1.4	2.0		3.200	1.700	20th	4	0	0	3				0	1	0	43	2	7	2	4	3	
August -	3.3	3.4		2.850	.500	5, 26	8	0	0	3				1	2	0	36	4	14	0	5	0	
September -	4.6	4.9		8.420	2.140	26th	9	0	0	3				0	0	2	44	4	4	6	0	0	
October -	2.4	3.9		13.620	2.970	5th	9	0	0	4				0	2	0	40	9	8	1	1	1	
November -	2.2	2.3		0.570	.570	18th	1	0	0	0				0	3	0	22	4	12	9	5	5	
December -	3.6	2.9		14.400	5.630	23rd	7	0	0	6				—	—	—	—	—	—	—	—	—	
Year -	2.4	3.0		56.270	—	—	67	0	0	21				—	—	—	—	—	—	—	—	—	

UP PARK CAMP.

1886.				ins.	ins.																	
January -	2.5	2.9		10.220	3.780	11th	5	0	0	1				—	—	—	—	—	—	—	—	—
February -	2.0	2.2		3.330	2.730	9th	2	0	0	0				5	4	0	31	2	3	4	1	6
March -	2.4	2.0		2.290	.860	21st	4	0	0	0				1	0	0	41	1	7	1	1	10
April -	2.7	3.1		3.730	1.800	22nd	6	0	0	1				1	2	0	35	3	13	2	3	1
May -	2.5	3.1		4.890	1.850	7th	8	0	0	0				0	2	0	37	7	15	1	0	0
June -	5.7	4.2		41.400	11.290	6th	11	0	0	3				3	2	0	27	12	10	0	5	1
July -	3.5	4.0		1.750	.470	13th	9	0	0	3				6	10	0	25	9	3	0	5	4
August -	3.9	4.8		11.990	3.500	19th	12	0	0	4				3	4	0	27	11	5	2	4	6
September -	4.0	4.7		5.910	3.000	21st	10	0	0	1				3	3	1	25	7	3	3	4	11
October -	5.2	5.9		5.730	1.150	6th	19	0	0	1				3	5	2	21	13	3	1	2	12
November -	2.9	4.2		0.260	.200	11th	3	0	0	3				12	4	2	20	9	6	6	1	0
December -	4.5	4.1		2.910	2.030	25th	9	0	0	0				16	22	2	6	4	10	0	2	0
Year -	3.5	3.8		94.410	—	—	98	0	0	17				—	—	—	—	—	—	—	—	—

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

NEWCASTLE.

1866.				ins.	ins.																	
January -	3.9	—		—	—	—	—	0	0	0				1	10	1	33	0	14	0	3	0
February -	3.8	—		—	—	—	—	0	0	0				5	10	0	40	0	1	0	0	0
March -	3.1	—		—	—	—	—	0	0	0				9	16	0	37	0	0	0	0	0
April -	3.8	5.7		—	—	—	—	0	0	0				16	23	0	15	4	0	0	2	0
May -	5.0	7.0		—	—	—	—	0	0	3				5	1	0	50	5	0	0	0	1
June -	4.2	5.3		—	—	—	—	0	0	3				17	4	0	38	0	0	0	0	1
July -	4.5	5.8		—	—	—	—	0	1	1				1	0	0	61	0	0	0	0	0
August -	3.9	7.1		—	—	—	—	0	0	1				1	2	0	56	0	0	0	3	0
September -	3.1	6.8		—	—	—	—	0	0	3				5	0	0	55	0	0	0	0	0
October -	3.6	7.3		—	—	—	—	0	0	2				3	0	0	59	0	0	0	0	0
November -	4.2	6.4		—	—	—	—	0	0	1				7	2	0	51	0	0	0	0	0
December -	2.6	5.1		—	—	—	—	0	0	0				2	1	1	58	0	0	0	0	0
Year -	3.8	—		—	—	—	—	0	1	14				72	69	2	553	9	15	0	8	2

NEWCASTLE

1867.				ins.	ins.																	
January -	3.8	5.7		—	—	—	—	0	0	0				4	0	0	58	0	0	0	0	0
February -	4.3	6.4		—	—	—	—	0	0	0				0	0	0	47	0	0	0	9	0
March -	3.4	4.5		—	—	—	—	0	0	0				0	0	0	61	0	0	0	1	0
April -	4.4	5.0		—	—	—	—	0	0	0				0	0	0	58	0	1	0	1	0
May -	3.5	5.1		—	—	—	—	0	0	7				0	0	0	62	0	0	0	0	0
June -	3.8	4.3		—	—	—	—	0	0	1				0	0	0	60	0	0	0	0	0
July -	3.9	4.6		—	—	—	—	0	0	7				0	0	0	62	0	0	0	0	0
August -	—	—		2.810	1.750	9th	12	0	0	7				—	—	—	—	—	—	—	—	—
September -	4.0	5.5		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
October -	5.7	5.4		4.910	.500	7th	17	0	0	7				0	0	0	60	0	0	0	0	0
November -	6.6	7.2		6.110	.600	8th	18	0	0	7				0	0	0	62	0	0	0	0	0
December -	4.5	4.4		6.720	.600	22nd	27	0	0	2				0	0	0	60	0	0	0	0	0
Year -	—	—		1.260	.450	12th	5	0	0	0				—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## NEWCASTLE, JAMAICA (A.M.D.).

Long. 76° 42' W. Lat. 18° 6' N. Height above Mean Sea Level, 3,800 feet.

1868.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	69°·4	69°·5	70°·0	61°·3	78°·6	54°·0	7th	85°·0	17th	·522	·521		73	73	
February -	—	—	66°·8	66°·5	68°·1	61°·0	75°·2	53°·0	26, 29	81°·0	1st	·498	·515		76	80	
March -	—	—	67°·7	67°·1	65°·6	57°·0	74°·1	52°·0	6th, 7th	83°·0	28th	·469	·479		69	72	
April -	—	—	71°·5	68°·5	70°·4	61°·5	79°·2	55°·0	18th	85°·0	19th	·542	·542		70	78	
May -	—	—	71°·8	68°·4	70°·5	62°·4	78°·6	57°·0	5th, 6th	86°·0	21st	·547	·584		69	84	
June -	—	—	73°·3	71°·0	—	—	81°·5	—	—	89°·0	23rd	·568	·596		69	78	
July -	—	—	73°·3	72°·2	—	—	82°·1	—	—	87°·0	10th	·578	·622		70	79	
August -	—	—	74°·8	73°·4	—	—	82°·1	—	—	87°·0	15th	·595	·624		69	76	
September -	—	—	73°·8	70°·4	—	—	80°·2	—	—	85°·0	8th	·598	·614		72	82	
October -	—	—	72°·2	69°·4	—	—	78°·7	—	—	82°·0	2, 26, 31	·619	·612		79	85	
November -	—	—	71°·3	70°·0	—	—	78°·3	—	—	82°·0	1, 11, 27	·599	·613		78	83	
December -	—	—	69°·6	68°·9	—	—	77°·4	—	—	84°·0	4th	·530	·564		75	80	
Year -	—	—	71°·3	69°·6	—	—	78°·8	—	—	—	—	·555	·574		72°·4	79°·2	

## NEWCASTLE, JAMAICA (A.M.D.).

1869.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	68° 3	68° 4	—	—	76° 0	—	—	81° 0	5th, 7th	·522	·559		75	81	
February -	—	—	67° 6	67° 8	67° 2	57° 8	76° 6	51° 0	4th	82° 0	23rd	·510	·559		76	82	
March -	—	—	66° 8	67° 2	69° 5	60° 5	78° 5	53° 0	2nd	83° 0	6th	·506	·496		77	75	
April -	—	—	71° 5	69° 0	71° 4	61° 4	81° 4	59° 0	25, 26	90° 0	30th	·564	·511		73	72	
May -	—	—	74° 3	72° 5	72° 2	61° 4	83° 0	59° 0	16, 18	86° 0	10, 16	·584	·534		69	67	
June -	—	—	74° 4	73° 9	73° 6	62° 5	84° 7	60° 0	23, 24, 29	90° 0	13th	·598	·594		70	71	
July -	—	—	75° 4	74° 2	73° 2	61° 2	85° 2	60° 0	4, 16, 30	89° 0	18th	·581	·582		66	69	
August -	—	—	73° 8	71° 5	73° 0	61° 2	84° 7	58° 0	23rd	91° 0	25th	·602	·603		73	78	
September -	—	—	73° 2	72° 0	71° 7	61° 2	82° 2	60° 0	2, 13, 20	90° 0	24th	·601	·640		73	82	
October -	—	—	72° 6	71° 7	70° 7	61° 4	80° 0	59° 0	23rd	85° 0	12, 22	·605	·653		77	84	
November -	—	—	69° 2	69° 6	67° 2	58° 5	75° 9	54° 0	21st	82° 0	13th	·549	·603		77	83	
December -	—	—	66° 3	67° 3	64° 6	55° 2	73° 9	50° 0	7th	85° 0	26th	·480	·542		74	81	
Year -	—	—	71° 1	70° 4	—	—	80° 2	—	—	—	—	·559	·573		73° 3	77° 1	

## NEWCASTLE, JAMAICA (A.M.D.).

1870.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	67° 3	67° 8	66° 5	53° 3	79° 7	50° 0	6, 7, 8	90° 0	4th	·495	·555		74	82	
February -	26° 298	26° 247	67° 3	66° 4	65° 2	55° 0	75° 3	53° 0	3, 10, 14	82° 0	7th	·501	·523		75	81	
March -	·310	·260	68° 1	67° 0	66° 2	55° 0	77° 4	52° 0	7th	84° 0	7th	·519	·553		75	84	
April -	26° 315	26° 270	69° 3	68° 2	66° 5	55° 0	78° 0	46° 0	14th	86° 0	4th	·538	·556		76	81	
May -	—	—	70° 5	69° 3	65° 5	54° 3	76° 7	45° 0	29th	87° 0	11th	·558	·570		75	79	
June -	—	—	71° 3	71° 3	65° 4	52° 1	78° 6	48° 0	5th	83° 0	12th	·548	·581		66	76	
July -	—	—	72° 7	72° 5	66° 4	53° 6	79° 2	52° 0	7, 14, 26	82° 0	1, 18, 28	·572	·596		71	75	
August -	26° 372	26° 338	73° 6	72° 3	67° 1	53° 1	81° 1	50° 0	13th	84° 0	15, 17, 19	·683	·695		83	88	
September -	·362	·315	74° 7	73° 0	68° 4	56° 0	81° 6	52° 0	1st, 7th	85° 0	11, 12	·687	·657		79	81	
October -	26° 227	26° 170	69° 8	68° 3	67° 0	58° 7	75° 2	56° 0	25th	80° 0	1st, 2nd	·582	·579		80	83	
November -	—	—	68° 2	67° 9	66° 6	57° 7	75° 4	55° 0	13th	83° 0	3rd	·569	·582		83	85	
December -	—	—	67° 4	68° 7	66° 0	56° 6	75° 4	52° 0	18th	80° 0	10, 31	·529	·571		79	81	
Year -	—	—	70° 2	69° 4	66° 4	55° 0	77° 8	—	—	—	—	·565	·585		76° 3	81° 3	

## NEWCASTLE, JAMAICA (A.M.D.).

1871.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	66° 7	67° 1	64° 8	54° 6	74° 9	49° 0	21st	84° 0	5th	·472	·514		72	77	
February -	—	—	65° 8	66° 6	65° 4	54° 4	76° 3	52° 0	18th	79° 0	13th	·475	·532		75	82	
March -	—	—	67° 1	68° 0	66° 2	54° 4	78° 0	51° 0	14th	90° 0	27th	·492	·518		74	76	
April -	—	—	70° 4	69° 3	68° 1	55° 4	80° 8	52° 0	7th	93° 0	20th	·539	·541		72	76	
May -	—	—	71° 7	67° 8	69° 3	56° 5	82° 0	54° 0	1st	92° 0	2nd	·576	·551		74	81	
June -	—	—	73° 4	71° 0	70° 2	58° 2	82° 2	55° 0	7th	92° 0	17th	·594	·540		72	71	
July -	—	—	72° 5	69° 3	70° 3	58° 3	82° 3	53° 0	3rd	95° 0	22nd	·554	·555		69	77	
August -	—	—	73° 1	71° 8	70° 8	58° 9	82° 7	55° 0	23rd	95° 0	13th	·560	·584		69	75	
September -	—	—	73° 6	71° 1	70° 3	58° 2	82° 4	54° 0	2nd	91° 0	21st	·589	·573		71	75	
October -	—	—	70° 5	69° 3	68° 0	57° 6	78° 4	50° 0	6th	85° 0	9th	·590	·588		78	82	
November -	—	—	70° 3	69° 3	68° 4	57° 7	79° 1	55° 0	16, 30	90° 0	2nd	·571	·588		76	82	
December -	—	—	69° 4	68° 9	67° 1	56° 1	78° 1	54° 0	13, 29, 30	86° 0	22nd	·537	·557		75	79	
Year -	—	—	70° 4	69° 1	68° 3	56° 7	79° 8	—	—	—	—	·546	·553		73° 1	77° 8	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

NEWCASTLE.

1868.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	3.2	2.4		0.000	.000	—	0	0	0	0				0	0	0	62	0	0	0	0	0
February -	3.8	4.0		6.140	.800	10th	13	0	0	1				0	6	0	51	0	1	0	0	0
March -	4.7	5.6		5.720	1.300	30th	13	0	0	1				0	27	0	29	0	0	0	0	6
April -	5.6	6.2		2.970	1.740	26th	13	0	0	0				0	59	0	0	0	0	0	0	1
May -	6.9	8.8		13.980	4.150	24th	22	0	0	9				0	62	0	0	0	0	0	0	0
June -	6.3	6.6		11.720	2.800	2, 6	11	0	0	5				0	60	0	0	0	0	0	0	0
July -	5.6	6.6		6.110	2.100	3rd	10	0	0	6				0	62	0	0	0	0	0	0	0
August -	4.9	6.0		3.750	1.100	19th	9	0	0	2				0	62	0	0	0	0	0	0	0
September -	6.9	8.9		9.570	2.060	15th	22	0	1	5				0	60	0	0	0	0	0	0	0
October -	7.2	9.3		10.300	3.220	16th	22	0	0	3				0	62	0	0	0	0	0	0	0
November -	6.5	8.1		31.020	11.000	7th	21	0	0	2				0	60	0	0	0	0	0	0	0
December -	5.0	6.2		12.610	4.100	19th	15	0	0	2				0	62	0	0	0	0	0	0	0
Year -	5.6	6.6		113.890	—	—	171	0	1	36				0	582	0	142	0	1	0	0	7

NEWCASTLE.

				ins.	ins.																	
1869.																						
January -	5.0	6.0		3.370	1.150	28th	10	0	0	0				0	62	0	0	0	0	0	0	0
February -	4.9	4.8		9.220	4.290	7th	9	0	0	2				0	20	0	0	0	0	0	36	0
March -	5.1	4.7		2.050	.580	7th	9	0	0	0				0	62	0	0	0	0	0	0	0
April -	4.9	5.0		9.150	1.200	16th	12	0	0	0				0	38	0	22	0	0	0	0	0
May -	5.0	5.0		9.860	3.200	27th	10	0	0	8				0	0	0	62	0	0	0	0	0
June -	5.1	5.3		2.890	1.100	1st	7	0	0	5				0	0	0	60	0	0	0	0	0
July -	5.1	4.8		5.200	1.400	28th	7	0	0	9				0	62	0	0	0	0	0	0	0
August -	4.4	6.4		14.500	1.650	15th	21	0	0	6				0	62	0	0	0	0	0	0	0
September -	2.9	7.3		9.760	3.130	25th	17	0	0	21				0	60	0	0	0	0	0	0	0
October -	2.3	6.6		16.060	3.850	13th	19	0	0	10				2	29	1	5	1	4	9	10	1
November -	3.5	6.0		19.280	9.360	1st	20	0	0	3				3	26	1	6	5	10	5	4	0
December -	3.1	4.7		7.590	2.780	9th	18	0	0	0				6	15	8	4	2	11	8	8	0
Year -	4.3	5.6		108.930	—	—	159	0	0	64				11	436	10	159	8	25	22	58	1

NEWCASTLE.

				ins.	ins.																	
1870.																						
January -	1.4	3.5		7.230	3.720	5th	15	0	0	2				0	14	16	2	0	4	9	1	16
February -	0.5	2.5		4.050	.570	12th	21	0	0	1				0	15	7	2	0	3	0	0	29
March -	0.9	1.2		2.450	.450	3rd	12	0	0	1				0	12	11	0	0	0	2	0	37
April -	0.0	0.7		9.810	3.300	2nd	13	0	0	4				0	8	7	0	0	0	0	0	45
May -	0.6	0.8		11.890	4.080	21st	13	0	0	6				0	18	9	0	0	0	1	1	33
June -	0.2	0.7		4.290	.940	7th	13	0	0	13				0	15	2	2	0	2	4	1	34
July -	0.5	1.1		5.410	.860	22nd	14	0	0	15				0	17	12	3	1	1	2	1	25
August -	0.5	1.8		9.440	2.840	20th	16	0	0	21				5	8	8	1	1	0	4	1	34
September -	0.2	1.9		15.650	3.900	16th	17	0	0	23				4	10	15	0	0	0	0	0	31
October -	3.4	4.7		28.520	4.600	5th	29	0	0	12				0	28	13	3	1	2	0	0	15
November -	2.5	3.9		29.100	11.260	19th	22	0	0	6				1	24	9	1	0	0	1	0	24
December -	1.6	2.6		10.800	2.900	27th	15	0	0	1				0	27	3	0	0	0	0	2	30
Year -	1.0	2.1		138.640	—	—	200	0	0	105				10	196	112	14	3	12	23	7	353

NEWCASTLE.

				ins.	ins.																	
1871.																						
January -	0.9	1.5		2.970	1.100	12th	14	0	0	0				1	25	4	0	0	0	0	0	32
February -	0.5	1.8		2.530	.800	6th	11	0	0	0				1	26	2	0	0	0	0	0	27
March -	0.7	1.3		2.190	.840	21st	5	0	0	3				0	42	5	0	0	0	0	0	15
April -	0.8	1.3		3.740	1.120	11th	10	0	0	1				2	24	3	0	0	0	2	0	29
May -	0.5	0.8		6.800	1.400	1st	16	0	0	9				2	11	8	0	0	0	0	0	41
June -	0.4	0.5		6.020	3.100	1st	6	0	0	4				0	6	10	0	0	0	0	0	44
July -	0.4	1.2		3.950	1.210	25th	14	0	0	7				1	11	8	0	0	0	1	0	41
August -	0.3	0.5		7.430	2.000	30th	10	0	0	3				0	9	2	0	0	0	1	0	50
September -	0.4	0.6		11.150	4.500	16th	10	0	0	7				0	12	4	0	0	0	0	0	44
October -	0.7	0.6		13.000	2.100	19th	21	0	0	5				4	7	10	0	0	0	0	0	41
November -	0.6	0.7		13.590	2.750	18th	18	0	0	3				0	9	11	0	0	0	2	0	38
December -	0.4	0.3		6.600	1.800	8th	12	0	0	1				3	11	4	0	0	0	0	0	44
Year -	0.6	0.9		79.970	—	—	147	0	0	43				14	193	71	0	0	0	6	0	446



## NEWCASTLE, JAMAICA (A.M.D.).

Long. 76° 42' W. Lat. 18° 6' N. Height above Mean Sea Level, 3,800 feet.

1872.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	—	—	67.8	66.2	65.2	56.0	74.4	52.0	24, 27	80.0	1st, 12th	.524	.576		77	89		
February -	—	—	67.9	69.1	69.5	60.4	78.6	54.0	8th	86.0	13th	.553	.547		81	78		
March -	—	—	67.8	67.4	71.2	64.8	77.6	50.0	4th	86.0	17, 23	.504	.568		74	85		
April -	—	—	69.9	68.6	71.5	64.7	78.3	54.0	18th	92.0	16th	.560	.580		76	83		
May -	—	—	72.2	70.2	72.9	63.8	82.0	52.0	25th	99.0	25th	.568	.577		72	78		
June -	—	—	74.1	72.6	75.6	67.4	83.8	56.0	1st	95.0	16th	.567	.584		68	74		
July -	—	—	74.0	71.4	76.1	67.2	85.0	57.0	18th	97.0	27th	.564	.594		67	77		
August -	—	—	73.5	70.6	76.6	68.3	84.8	62.0	2, 21, 31	96.0	8th, 26th	.586	.630		71	84		
September	—	—	73.5	71.1	73.6	63.0	84.1	58.0	16, 22, 30	94.0	10, 22	.607	.620		74	82		
October -	—	—	74.2	69.8	70.7	59.1	82.3	56.0	29th	90.0	2nd, 12th	.601	.627		71	86		
November	—	—	72.3	70.4	69.7	58.9	80.4	55.0	14, 29	90.0	13th	.588	.600		75	80		
December	—	—	70.3	68.7	66.9	55.6	78.2	50.2	25th	89.0	24th	.534	.563		72	80		
Year -	—	—	71.5	69.7	71.6	62.4	80.8	—	—	—	—	.563	.589		73.2	81.3		

## NEWCASTLE, JAMAICA (A.M.D.).

1873.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	69.1	67.6	65.7	54.5	76.8	48.0	17th	88.0	4th	.536	.558	—	76	83	—
February -	—	—	68.7	69.5	64.9	53.3	76.4	50.0	8th, 16th	86.0	21st	.500	.503	—	71	70	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	69.9	70.1	65.9	54.6	77.1	52.0	25th	82.5	19th	.509	.543	—	69	74	—
May -	—	—	71.4	69.1	66.2	55.7	76.7	54.0	2, 9, 14	81.2	17th	.569	.582	—	73	82	—
June -	—	—	72.8	73.3	67.7	56.4	78.9	55.0	5, 9, 18	84.3	20th	.575	.568	—	72	69	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	—	—	73.7	71.4	68.6	57.8	79.4	55.2	19th	83.6	4th	.590	.612	—	71	79	—
September -	—	—	72.6	69.6	68.2	57.9	78.5	55.2	17th	83.2	5th	.591	.614	—	75	85	—
October -	—	—	70.1	68.2	66.8	57.2	76.3	50.0	20th	82.6	9th	.560	.602	—	76	87	—
November -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## NEWCASTLE, JAMAICA (A.M.D.).

1874.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	67.5	—	—	—	75.7	—	—	84.0	5th, 6th	.482	—	—	71	—	—
February -	—	—	67.1	—	—	—	75.0	—	—	80.0	19th	.482	—	—	72	—	—
March -	—	—	69.2	—	—	—	80.1	—	—	86.0	13, 25	.512	—	—	72	—	—
April -	—	—	71.1	—	—	—	80.6	—	—	88.0	5th	.539	—	—	71	—	—
May -	—	—	70.8	—	—	—	79.0	—	—	89.0	5th	.633	—	—	84	—	—
June -	—	—	—	—	—	—	82.8	—	—	94.0	10th	—	—	—	—	—	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	—	—	70.8	—	—	—	78.0	—	—	83.5	14th	.574	—	—	76	—	—
November -	—	—	69.2	—	—	—	77.4	—	—	85.5	18th	.542	—	—	76	—	—
December -	—	—	67.3	—	—	—	76.0	—	—	85.0	23rd	.461	—	—	69	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## NEWCASTLE, JAMAICA (A.M.D.).

1875.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	67.3	—	—	—	76.7	—	—	83.0	14, 24	.492	—	—	74	—	—
February -	—	—	67.9	—	—	—	78.4	—	—	85.0	22nd	.528	—	—	77	—	—
March -	—	—	66.2	—	—	—	79.0	—	—	85.0	22nd	.514	—	—	83	—	—
April -	—	—	67.1	—	—	—	78.2	—	—	86.0	15th	.484	—	—	73	—	—
May -	—	—	69.3	—	—	—	80.8	—	—	90.0	7th	.530	—	—	75	—	—
June -	—	—	72.5	—	—	—	84.0	—	—	95.0	7th	.532	—	—	67	—	—
July -	—	—	72.1	—	—	—	87.1	—	—	97.0	13th	.577	—	—	74	—	—
August -	—	—	73.7	—	—	—	85.0	—	—	90.0	5, 15, 26	.531	—	—	64	—	—
September -	—	—	71.3	—	—	—	82.2	—	—	90.0	19th	.549	—	—	71	—	—
October -	—	—	71.9	—	—	—	80.4	—	—	86.0	1st	.538	—	—	69	—	—
November -	—	—	69.4	—	—	—	78.7	—	—	86.0	2nd	.531	—	—	73	—	—
December -	—	—	65.4	—	—	—	76.0	—	—	81.0	2, 3, 9	.510	—	—	86	—	—
Year -	—	—	69.5	—	—	—	80.5	—	—	—	—	.526	—	—	73.8	—	—

Thermometers, 7 feet above ground. Rain-gauge, on or near the ground.

NEWCASTLE.

1872.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	1.7	1.1		2.560	.580	25th	12	0	0	0				10	31	13	0	0	0	0	0	8	
February -	1.5	1.2		3.840	1.050	20th	7	0	0	0				7	25	1	0	0	0	0	0	25	
March -	0.9	1.2		7.180	1.400	8th	15	0	0	0				8	22	2	0	0	0	1	0	29	
April -	1.7	1.7		6.570	1.710	30th	14	0	0	2				2	16	10	0	0	0	0	0	32	
May -	1.1	1.3		3.350	.600	10th	13	0	0	4				0	5	13	0	0	0	0	0	44	
June -	0.5	0.4		0.350	.200	1st	2	0	0	3				1	5	12	0	0	0	0	0	42	
July -	0.4	1.3		4.840	1.250	20th	10	0	0	1				0	6	15	0	0	0	0	0	41	
August -	0.8	1.2		7.650	1.700	4th	18	0	0	5				0	8	10	0	0	0	1	1	42	
September	3.1	1.6		9.880	2.000	9th	17	0	0	7				1	6	11	0	0	0	0	0	42	
October -	0.9	2.4		14.070	2.550	20th	17	0	0	1				1	7	8	0	0	0	0	0	46	
November	0.8	1.4		1.430	.550	18th	7	0	0	0				1	11	16	0	0	0	0	0	32	
December	1.0	1.9		4.600	.940	1st	14	0	0	4				1	6	13	0	0	0	1	0	41	
Year -	1.2	1.4		66.320	—	—	146	0	0	27				32	148	124	0	0	0	3	1	424	

NEWCASTLE.

1873.				ins.	ins.																	
January -	1.3	1.6		12.910	3.120	1st	11	0	0	0				1	9	20	0	0	0	0	0	32
February -	1.1	1.5		0.130	.080	25th	2	0	0	0				0	5	22	0	0	0	0	0	29
March -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
April -	3.2	4.7		1.030	.520	5th	9	0	0	0				0	46	0	5	0	1	0	0	8
May -	2.7	5.6		9.340	3.150	14th	12	0	0	4				0	39	0	14	0	0	0	0	9
June -	3.0	4.0		1.450	.750	10th	8	0	0	0				3	40	0	9	0	0	0	0	8
July -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
August -	2.7	5.4		14.290	3.000	6th	18	0	0	6				0	46	0	13	0	0	0	0	3
September -	3.2	5.4		14.480	3.250	16th	20	0	0	11				0	32	0	25	0	0	0	0	3
October -	3.1	5.5		18.920	8.500	1st	20	0	0	1				0	36	1	15	0	0	0	0	10
November -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
December -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

NEWCASTLE.

1874.				ins.	ins.																	
January -	3.0	3.8		7.000	1.500	1st	18	0	0	1				0	9	0	2	0	2	0	3	46
February -	3.1	3.1		4.950	1.450	24th	8	0	0	0				0	3	0	0	0	0	0	0	53
March -	1.5	1.5		1.700	.700	16th	5	0	0	0				0	0	0	0	0	0	0	0	62
April -	1.3	1.4		3.780	2.750	14th	3	0	0	1				0	0	0	0	0	0	0	0	60
May -	2.9	3.7		12.870	1.600	31st	25	0	0	0				0	0	0	0	0	0	1	0	61
June -	2.3	2.8		5.380	1.500	2nd	14	0	0	2				0	0	0	0	0	0	0	0	60
July -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
August -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
September -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
October -	2.6	4.0		24.990	5.500	31st	24	0	0	0				0	0	0	1	0	1	0	4	56
November -	2.9	1.9		17.360	10.000	1st	13	0	0	2				1	3	2	0	0	2	0	5	47
December -	2.7	2.7		3.640	1.200	16th	9	0	0	0				0	3	0	1	0	0	0	0	58
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

NEWCASTLE.

1875.				ins.	ins.																	
January -	1.7	1.0		1.810	1.100	19th	6	0	0	0				0	0	0	0	0	0	0	0	62
February -	1.3	0.3		1.000	.700	9th	2	0	0	0				0	0	0	1	0	0	0	0	55
March -	2.4	0.5		5.020	2.600	26th	9	0	0	0				0	3	0	0	0	0	0	0	59
April -	2.5	2.6		4.130	.800	16th	10	0	0	0				0	3	0	0	0	0	0	0	57
May -	3.0	3.2		10.360	2.000	21st	16	0	0	0				0	1	0	0	0	0	0	0	61
June -	1.5	1.5		5.380	1.600	12th	10	0	0	0				0	0	0	0	0	0	0	0	60
July -	1.2	0.4		4.340	1.900	28th	11	0	0	2				0	7	0	0	0	0	0	0	55
August -	2.3	2.0		3.940	.900	9th	13	0	0	0				0	4	0	0	0	0	0	1	57
September -	3.0	2.0		17.320	7.500	13th	12	0	0	0				0	6	0	2	0	8	0	1	43
October -	2.8	3.2		10.550	6.000	23rd	11	0	0	1				0	5	0	0	0	0	0	8	49
November -	1.8	1.6		2.120	1.000	5th	6	0	0	0				0	7	0	0	0	0	0	10	43
December -	3.4	2.8		9.150	1.500	11th	16	0	0	0				0	8	0	0	0	0	0	15	39
Year -	2.2	1.8		75.120	—	—	122	0	0	3				0	44	0	3	0	8	0	35	640



## NEWCASTLE, JAMAICA (A.M.D.).

Long. 76° 42' W. Lat. 18° 6' N. Height above Mean Sea Level, 3,800 feet.

1876.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.	62° 7	—	—	—	73° 2	—	—	80° 0	20th	in.	in.	in.	%	%	%
February -	26° 354	26° 274	62° 7	—	—	—	73° 2	—	—	80° 0	20th	463	—	—	79	—	—
March -	394	288	64° 0	—	—	—	76° 0	—	—	81° 0	8th, 22nd	424	—	—	71	—	—
April -	318	253	64° 5	—	63° 0	50° 5	75° 4	42° 0	16th	79° 0	2, 3, 4	431	—	—	72	—	—
May -	26° 341	26° 291	68° 8	69° 3	65° 5	55° 4	75° 6	52° 0	4th, 7th	81° 4	28th	500	529	—	71	74	—
June -	—	—	70° 4	71° 1	66° 8	56° 4	77° 1	52° 0	1st, 18th	83° 0	10th	557	566	—	76	75	—
July -	—	—	73° 1	74° 4	70° 9	60° 1	81° 6	54° 0	3rd, 7th	86° 0	15, 19, 23	569	607	—	71	70	—
August -	26° 437	26° 404	72° 1	71° 9	70° 8	61° 4	80° 2	58° 0	9, 14, 18	86° 0	16th	556	612	—	71	79	—
September -	413	374	72° 9	71° 2	70° 8	60° 2	81° 4	58° 0	7, 9, 24	86° 0	6, 22, 27	571	615	—	70	80	—
October -	284	240	72° 5	73° 3	71° 1	60° 7	81° 5	57° 0	26th	87° 0	30th	608	683	—	76	83	—
November -	271	220	70° 2	70° 7	68° 3	59° 0	77° 5	52° 0	15th	83° 0	2, 7, 30	594	629	—	79	83	—
December -	247	215	70° 6	70° 6	69° 2	59° 3	79° 0	57° 0	5, 12, 26	85° 0	29th	572	617	—	75	82	—
Year -	26° 326	26° 291	69° 8	71° 9	68° 2	57° 8	78° 6	51° 0	3rd	84° 0	11, 22, 26	559	613	—	76	78	—
Year -	—	—	69° 3	—	—	—	78° 1	—	—	—	—	534	—	—	73° 9	—	—

## NEWCASTLE, JAMAICA (A.M.D.).

1877.	ins.	ins.	68° 3'	70° 2'	66° 7'	56° 1'	77° 2'	50° 0'	29th	82° 0'	7th	in.	in.	in.	%	%	%
January -	26° 368	26° 323	68° 3'	70° 2'	66° 7'	56° 1'	77° 2'	50° 0'	29th	82° 0'	7th	533	577	—	77	77	—
February -	—	—	67° 3'	69° 5'	65° 5'	54° 5'	76° 5'	47° 0'	11th	83° 0'	28th	515	543	—	73	76	—
March -	26° 320	26° 281	67° 6'	69° 5'	66° 7'	55° 8'	77° 5'	53° 0'	13, 14	83° 0'	4th	543	589	—	81	81	—
April -	321	272	69° 3'	70° 9'	66° 2'	54° 2'	78° 2'	50° 0'	17, 24, 27	85° 0'	14th	570	628	—	79	82	—
May -	284	249	70° 0'	69° 5'	65° 6'	54° 6'	76° 6'	50° 0'	18, 23, 28	83° 0'	12, 13	581	608	—	79	83	—
June -	303	244	70° 0'	70° 4'	66° 2'	52° 8'	79° 5'	50° 0'	3, 14, 19	84° 6'	23rd	548	626	—	74	84	—
July -	324	289	73° 0'	74° 1'	71° 0'	60° 7'	81° 2'	58° 0'	6th	85° 0'	12th	612	643	—	75	73	—
August -	334	302	74° 4'	74° 1'	71° 9'	61° 3'	82° 4'	58° 4'	25th	86° 0'	26, 31	626	656	—	73	78	—
September -	292	262	74° 3'	72° 1'	71° 8'	61° 5'	82° 2'	57° 8'	6th	87° 2'	19th	603	652	—	71	83	—
October -	325	284	73° 0'	71° 6'	72° 3'	60° 9'	83° 4'	58° 4'	8th	90° 0'	4th	595	646	—	73	83	—
November -	284	242	69° 5'	70° 5'	—	—	80° 6'	—	—	86° 0'	24, 30	572	613	—	78	81	—
December -	26° 314	26° 282	67° 0'	69° 7'	—	—	77° 2'	—	—	83° 2'	27th	557	605	—	85	83	—
Year -	—	—	70° 3'	71° 0'	—	—	79° 4'	—	—	—	—	571	616	—	76° 5	80° 3	—

## NEWCASTLE, JAMAICA (A.M.D.).

1878.	ins.	ins.	66° 5'	69° 0'	—	—	77° 2'	—	—	83° 4'	15th	in.	in.	in.	%	%	%
January -	26° 351	26° 316	66° 5'	69° 0'	—	—	77° 2'	—	—	83° 4'	15th	530 <sup>7</sup>	563 <sup>8</sup>	—	81 <sup>7</sup>	79 <sup>8</sup>	—
February -	353	306	68° 0'	70° 8'	68° 8'	58° 4'	79° 2'	55° 0'	21st	88° 0'	11th	549 <sup>9</sup>	613 <sup>9</sup>	—	80 <sup>9</sup>	81 <sup>9</sup>	—
March -	352	301	69° 8'	71° 1'	70° 6'	60° 7'	80° 5'	56° 5'	5th	89° 0'	2nd	557	599	—	76	78	—
April -	329	273	70° 3'	72° 5'	70° 6'	59° 8'	81° 3'	48° 0'	5th	87° 8'	15th	512	563	—	69	70	—
May -	311	257	72° 1'	72° 2'	71° 1'	61° 3'	80° 8'	57° 3'	6th	87° 0'	16th	584	638	—	75	81	—
June -	341	281	72° 8'	73° 5'	71° 5'	62° 2'	80° 8'	60° 0'	2nd	87° 0'	29th	582	638	—	72	77	—
July -	343	294	72° 1'	72° 9'	71° 9'	62° 8'	81° 0'	59° 0'	25th	86° 0'	28th	575	622	—	73	76	—
August -	318	280	71° 0'	71° 6'	70° 7'	61° 7'	79° 7'	56° 0'	14, 15	86° 7'	4th	579	617	—	75	80	—
September -	265	228	70° 2'	71° 3'	70° 1'	61° 7'	78° 4'	59° 8'	11th	83° 0'	17, 21	580	633	—	80	82	—
October -	248	210	70° 5'	71° 3'	69° 9'	60° 9'	78° 8'	57° 0'	18th	84° 0'	5, 7, 10	619	638	—	82	83	—
November -	287	240	70° 9'	72° 0'	68° 6'	58° 4'	78° 8'	52° 0'	28, 30	83° 0'	16th	586	613	—	73	79	—
December -	26° 294	26° 250	67° 3'	69° 6'	66° 5'	56° 9'	76° 1'	42° 0'	5th	79° 0'	17, 28	539	582	—	80	80	—
Year -	26° 316	26° 270	70° 1'	71° 5'	—	—	—	—	—	—	—	566	610	—	76° 3	78° 8	—

## NEWCASTLE, JAMAICA (A.M.D.).

1879.	ins.	ins.	67° 5'	70° 0'	65° 8'	56° 0'	75° 5'	47° 0'	20th	79° 0'	2nd	in.	in.	in.	%	%	%
January -	26° 341	26° 296	67° 5'	70° 0'	65° 8'	56° 0'	75° 5'	47° 0'	20th	79° 0'	2nd	511	586	—	75	78	—
February -	317	274	66° 2'	68° 1'	66° 3'	55° 7'	76° 8'	53° 0'	21st	80° 0'	15th	492	543	—	76	81	—
March -	339	300	66° 1'	68° 2'	65° 7'	55° 1'	76° 2'	53° 0'	4th, 12th	80° 0'	14, 18	496	530	—	77	76	—
April -	319	277	69° 4'	70° 2'	67° 2'	56° 7'	77° 7'	50° 0'	26th	85° 2'	1st	545	576	—	80	80	—
May -	280	242	71° 2'	71° 4'	67° 7'	56° 6'	78° 7'	52° 0'	15, 17	85° 0'	10, 19	587	627	—	76	81	—
June -	299	243	71° 2'	71° 1'	67° 6'	59° 3'	75° 9'	56° 0'	5th	80° 0'	10, 30	603	640	—	79	84	—
July -	338	304	73° 3'	72° 6'	68° 9'	59° 2'	78° 6'	57° 0'	14th	83° 0'	8th	588	638	—	75	81	—
August -	314	284	72° 4'	71° 3'	68° 6'	59° 2'	77° 3'	57° 0'	27th	80° 0'	11, 12, 31	614	632	—	77	84	—
September -	332	294	72° 7'	71° 0'	68° 4'	59° 2'	77° 5'	56° 0'	13th	80° 0'	6, 7, 22	605	648	—	76	85	—
October -	280	244	70° 1'	68° 6'	66° 6'	57° 7'	75° 5'	52° 0'	10th	80° 0'	28th	573	596	—	77	83	—
November -	319	278	70° 7'	70° 9'	—	54° 9'	—	47° 0'	23rd	—	—	549	578	—	73	76	—
December -	26° 375	26° 341	68° 5'	70° 9'	—	50° 1'	—	45° 0'	1st, 6th	—	—	469	514	—	66	67	—
Year -	26° 321	26° 281	69° 9'	70° 4'	—	56° 7'	—	—	—	—	—	553	592	—	75° 6	79° 7	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

NEWCASTLE.

1876.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	4.1	3.8		ins. 16.450	ins. 2.000	4, 8	15	0	0	0				0	13	0	0	0	0	0	24	25	
February -	2.0	1.5		0.700	.250	14th	4	0	0	0				0	2	0	0	0	0	0	12	44	
March -	2.7	1.8		2.150	.500	7, 22	6	0	0	0				0	5	0	0	0	0	0	13	44	
April -	4.2	6.6		12.150	2.500	24th	18	0	0	2				0	3	0	11	15	5	0	1	25	
May -	6.1	7.3		8.110	1.830	15th	25	0	0	4				0	10	2	13	10	7	1	0	19	
June -	4.2	5.7		9.020	2.320	3rd	17	0	0	6				0	2	1	36	3	0	1	0	17	
July -	3.8	5.7		10.650	6.000	20th	9	0	0	4				0	0	7	23	12	1	0	0	19	
August -	3.5	7.1		9.280	2.100	25th	16	0	0	9				0	0	3	12	7	1	2	0	37	
September -	4.1	6.1		11.650	1.750	16th	18	0	0	4				0	0	2	22	5	0	4	0	27	
October -	5.2	5.7		27.170	5.800	15th	19	0	0	3				0	0	24	14	1	3	2	0	18	
November -	4.5	5.9		12.630	2.350	11th	21	0	0	0				0	0	13	11	3	0	4	0	29	
December -	2.8	5.0		4.210	1.850	29th	10	0	0	2				4	10	24	0	1	1	0	0	22	
Year -	3.9	5.2		124.170	—	—	178	0	0	34				4	45	76	142	57	18	14	50	326	

NEWCASTLE.

1877.				ins.	ins.																	
January -	2.7	5.1		9.580	2.400	31st	14	0	0	0				0	0	25	15	0	0	1	0	21
February -	2.8	4.6		4.130	.700	1st	13	0	0	0				0	0	12	12	2	0	0	0	30
March -	3.0	4.9		3.970	.820	21st	10	0	0	0				1	1	29	2	1	0	1	0	27
April -	3.2	5.0		8.150	5.350	25th	11	0	0	2				0	5	29	14	0	0	2	0	10
May -	6.3	7.3		22.420	6.250	15th	23	0	0	7				0	8	22	15	0	0	1	0	16
June -	4.1	6.3		8.170	2.900	10th	13	0	0	2				0	7	22	13	0	2	1	0	15
July -	3.9	5.8		5.710	2.700	6th	11	0	0	3				0	0	36	12	1	3	1	0	9
August -	3.8	5.2		1.950	.960	29th	7	0	0	2				0	0	14	29	0	0	1	0	18
September -	3.0	6.2		9.290	1.550	17th	14	0	0	5				0	0	13	33	2	0	0	0	12
October -	2.6	6.0		7.360	1.050	16th	15	0	0	3				0	0	8	40	2	0	0	0	12
November -	4.3	7.1		14.130	4.450	12th	14	0	0	0				0	0	4	38	2	2	2	0	12
December -	5.7	6.7		31.680	6.350	11th	17	0	0	3				0	0	1	35	13	2	4	0	7
Year -	3.8	5.9		126.540	—	—	162	0	0	27				1	21	215	258	23	9	14	0	189

NEWCASTLE.

1878.				ins.	ins.																	
January -	4.4	5.9		2.650	.800	17th	6	0	0	0				0	2	15	31	1	0	1	0	12
February -	2.9	5.1		0.140	.080	17th	2	0	0	0				0	0	4	34	6	0	1	0	11
March -	3.0	5.7		5.730	3.100	18th	9	0	0	0				0	0	0	33	8	0	5	0	16
April -	2.8	5.2		0.670	.320	8th	4	0	0	0				0	1	15	30	3	0	3	0	8
May -	3.8	5.8		6.440	1.800	24th	9	0	0	4				0	2	21	23	1	0	0	0	15
June -	3.8	5.6		13.360	7.700	2nd	10	0	0	6				0	0	15	34	1	0	0	0	10
July -	3.1	6.0		7.860	4.300	25th	8	0	0	4				0	1	12	28	8	0	0	0	13
August -	4.0	7.3		27.480	4.780	12th	16	0	0	10				0	9	14	26	4	0	0	0	9
September -	4.5	6.8		25.930	3.400	11th	18	0	0	7				2	4	28	19	0	0	0	0	7
October -	4.9	8.0		38.090	3.750	25th	19	0	0	6				0	0	26	25	2	5	1	0	3
November -	3.8	5.8		17.390	5.600	11th	10	0	0	4				6	5	25	18	0	0	0	0	6
December -	4.7	6.7		33.580	6.150	11th	14	0	0	0				1	5	28	23	0	0	0	0	5
Year -	3.8	6.2		179.320	—	—	125	0	0	41				9	29	203	324	34	5	11	0	115

NEWCASTLE.

1879.				ins.	ins.																	
January -	3.2	4.0		3.510	1.200	27th	6	0	0	0				3	4	27	24	0	0	0	0	4
February -	3.5	5.3		6.140	1.100	13th	9	0	0	0				1	2	16	20	5	0	2	0	10
March -	3.2	6.4		18.620	3.600	10th	16	0	0	0				3	3	14	21	5	0	1	0	15
April -	4.4	5.8		28.850	8.060	22nd	17	0	0	1				1	1	17	25	2	1	4	0	9
May -	4.2	6.9		13.510	1.480	11th	19	0	0	0				0	0	32	14	2	0	0	0	14
June -	4.3	6.7		8.960	2.440	3rd	24	0	0	4				0	5	21	16	4	0	2	0	12
July -	3.1	6.0		6.660	2.440	13th	9	0	0	3				0	1	27	15	1	1	2	0	15
August -	3.4	7.0		15.490	2.480	11th	21	0	0	4				0	0	20	25	1	3	4	0	9
September -	3.1	6.7		17.050	4.420	8th	20	0	0	2				0	0	32	18	0	0	1	0	9
October -	5.4	6.8		36.190	8.800	11th	18	0	0	4				0	0	29	18	2	0	0	0	13
November -	4.2	4.7		14.100	4.000	23rd	21	0	0	0				0	2	33	17	0	2	3	0	3
December -	2.7	5.7		1.010	.800	2, 11	7	0	0	0				0	2	20	25	1	1	0	0	13
Year -	3.7	6.0		170.090	—	—	187	0	0	18				8	20	288	238	23	8	19	0	126



## NEWCASTLE, JAMAICA (A.M.D.).

Long. 76° 42' W. Lat. 18° 6' N. Height above Mean Sea Level, 3,800 feet.

1880.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	26.340	26.283	64.8	68.9	—	51.1	—	45.0	20th	—	—	.467	.528	—	77	74	—
February -	—	—	66.6	69.6	—	52.8	—	46.0	3rd	—	—	.425	.528	—	66	68	—
March -	—	—	69.7	67.5	—	52.4	—	45.0	6th	—	—	.471	.500	—	65	74	—
April -	26.417	26.370	68.7	69.6	—	54.1	—	52.0	1, 5, 21	—	—	.481	.538	—	68	74	—
May -	.369	.313	70.0	69.9	—	54.2	—	50.0	11, 18, 22	—	—	.542	.589	—	74	78	—
June -	.409	.359	73.2	76.1	—	51.9	—	50.0	3, 18, 28	—	—	.556	.677	—	67	77	—
July -	26.332	26.307	74.3	73.4	—	55.2	—	48.0	20th	—	—	.575	.632	—	67	77	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	26.291	26.258	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	.281	.251	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November -	.348	.294	73.2	72.2	66.3	51.8	80.7	48.0	16th	88.0	8th	.624	.617	—	72	76	—
December -	26.334	26.268	70.6	68.3	63.2	48.4	78.0	46.0	6, 21, 27	85.9	2nd	.552	.609	—	71	84	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## NEWCASTLE, JAMAICA (A.M.D.).

1881.	ins.	ins.										in.	in.	in.	%	%	%
January -	26.354	26.289	69.8	71.2	62.6	46.7	78.5	40.0	25th	83.9	24th	.510	.591	—	70	74	—
February -	.329	.273	67.0	66.2	60.6	45.8	75.3	40.0	6th	80.9	10, 28	.535	.575	—	78	86	—
March -	.317	.274	70.6	71.9	62.5	46.1	78.9	43.0	3rd, 24th	83.9	11th	.493	.574	—	64	67	—
April -	.345	.276	70.7	69.8	63.2	48.2	78.2	46.0	21st	84.9	24th	.566	.641	—	73	85	—
May -	.262	.218	72.0	75.6	65.8	50.6	80.9	45.0	7th	88.9	31st	.617	.757	—	77	81	—
June -	.321	.268	74.2	76.9	68.1	53.6	82.5	51.0	2nd	91.9	4th, 5th	.640	.735	—	73	75	—
July -	.325	.286	73.1	76.4	68.0	53.4	82.6	51.0	17, 18	85.3	1st	.598	.702	—	71	77	—
August -	.316	.279	74.5	73.7	66.6	53.0	80.2	49.0	2nd	86.9	5th, 30th	.634	.703	—	71	82	—
September -	.306	.256	74.9	72.9	67.0	52.9	81.1	50.0	16th	86.9	9th	.627	.679	—	69	80	—
October -	.291	.233	73.8	71.4	66.3	52.1	80.5	50.0	12, 20, 28	83.9	3, 23, 30	.631	.672	—	74	84	—
November -	.289	.238	71.6	72.2	65.5	51.6	79.4	48.0	9th	84.9	16th	.566	.626	—	71	76	—
December -	26.341	26.287	69.8	72.2	63.7	48.3	79.1	42.0	29th	81.9	1, 10, 24	.606	.687	—	80	84	—
Year -	26.316	26.265	71.8	72.5	65.0	50.2	79.8	—	—	—	—	.585	.662	—	72.6	79.3	—

## NEWCASTLE, JAMAICA (A.M.D.).

1882.	ins.	ins.										in.	in.	in.	%	%	%
January -	26.379	26.318	67.3	69.6	62.7	47.1	78.2	44.0	31st	83.9	18th	.541	.610	—	77	78	—
February -	.387	.326	66.7	70.7	61.1	46.3	75.9	42.0	5th	80.9	24th	.579	.655	—	84	83	—
March -	.378	.331	68.7	71.9	61.9	47.2	76.6	44.0	31st	81.9	4th	.567	.682	—	77	84	—
April -	.338	.289	71.4	73.8	63.1	47.3	78.9	45.0	4th	83.9	20, 23	.625	.702	—	78	81	—
May -	.334	.284	74.2	73.4	67.0	54.5	79.5	47.8	10th	86.0	29th	.687	.678	—	81	82	—
June -	.389	.344	75.6	78.8	70.6	57.4	83.8	50.2	16th	87.4	22nd	.680	.755	—	77	76	—
July -	.408	.363	74.9	76.6	69.2	55.9	82.5	49.2	23rd	88.4	8th	.591	.687	—	67	75	—
August -	.393	.346	74.9	77.2	69.6	56.6	82.6	50.6	8th	87.6	10th	.616	.716	—	70	76	—
September -	.330	.284	76.2	76.8	71.2	60.2	82.2	58.0	10th	86.8	13th	.653	.777	—	72	84	—
October -	.311	.267	74.2	73.9	70.0	58.4	81.5	56.4	26th	87.0	17th	.615	.730	—	72	86	—
November -	.314	.272	70.0	71.6	67.7	57.1	78.2	53.0	19th	86.2	21, 29	.521	.617	—	70	80	—
December -	26.350	26.304	72.3	74.5	68.6	56.8	80.3	53.2	31st	85.0	24, 28	.548	.637	—	69	74	—
Year -	26.359	26.311	72.2	74.1	66.9	53.7	80.0	—	—	—	—	.602	.687	—	74.5	79.9	—

## NEWCASTLE, JAMAICA (A.M.D.).

1883.	ins.	ins.										in.	in.	in.	%	%	%
January -	26.397	26.348	69.8	71.7	67.4	55.9	78.9	53.0	27, 31	87.4	6th	.526	.609	—	72	78	—
February -	.381	.322	69.2	71.0	66.9	55.1	78.6	50.8	2nd	82.0	6th	.499	.568	—	69	74	—
March -	.359	.307	69.0	68.4	66.1	54.2	78.0	48.4	5th	84.2	31st	.509	.544	—	71	77	—
April -	.332	.289	72.1	71.6	68.2	55.7	80.6	52.0	20th	86.0	21st	.557	.606	—	69	78	—
May -	.327	.290	74.0	72.1	69.0	57.2	80.8	54.2	20th	86.0	2nd	.647	.649	—	76	82	—
June -	.362	.316	76.4	78.0	70.6	58.1	83.0	56.2	30th	86.8	24th	.632	.700	—	69	73	—
July -	.411	.365	76.5	79.9	71.8	59.0	84.5	56.4	15th	89.2	28th	.664	.735	—	73	71	—
August -	.388	.347	77.0	78.3	71.4	59.1	83.7	56.6	3rd	87.8	28th	.749	.788	—	80	81	—
September -	.363	.317	75.7	76.2	71.3	60.0	82.5	57.0	27th	86.8	28th	.654	.690	—	74	76	—
October -	.341	.297	76.0	74.0	69.9	58.9	80.9	56.8	10th	84.4	20th	.636	.669	—	71	80	—
November -	.325	.278	74.0	73.3	68.6	57.4	79.8	52.2	26th	83.2	29th	.585	.631	—	69	77	—
December -	26.380	26.328	70.2	70.2	66.6	56.2	77.0	52.6	25th	80.8	25th	.531	.577	—	71	78	—
Year -	26.364	26.317	73.3	73.7	69.0	57.2	80.7	—	—	—	—	.599	.647	—	72.0	77.1	—

Thermometers, 2 feet above ground. Rain-gauge, 1 foot 6 inches above ground.

## NEWCASTLE.

1880.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	3.8	6.2		ins. 11.760	ins. 2.200	11th	18	0	0	1				0	0	22	15	0	19	0	0	6		
February -	2.4	3.9		0.490	.300	13th	4	0	0	0				3	3	28	14	5	0	0	0	5		
March -	3.5	4.0		3.160	1.000	25, 28	6	0	0	0				2	0	9	18	29	0	0	0	4		
April -	4.4	6.9		4.670	1.280	11th	15	0	0	2				0	3	21	27	1	0	0	0	8		
May -	3.7	6.5		18.620	3.300	22nd	19	0	0	4				0	1	20	19	0	1	0	0	21		
June -	3.7	4.2		0.690	.350	1st	5	0	0	2				0	0	26	7	3	13	0	0	11		
July -	4.6	4.5		3.310	.750	28th	11	0	0	4				—	—	—	—	—	—	—	—	—		
August -	—	—		—	—	—	—	0	0	3				—	—	—	—	—	—	—	—	—		
September -	3.6	3.1		—	—	—	—	0	0	5				—	—	—	—	—	—	—	—	—		
October -	2.1	2.4		—	—	—	—	0	0	2				—	—	—	—	—	—	—	—	—		
November -	3.1	4.7		2.850	.820	7th	10	0	0	0				—	—	—	—	—	—	—	—	—		
December -	3.5	7.2		6.430	1.280	25th	17	0	0	1				—	—	—	—	—	—	—	—	—		
Year -	—	—		—	—	—	—	0	0	24				—	—	—	—	—	—	—	—	—		

## NEWCASTLE.

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## NEWCASTLE.

1882.				ins.	ins.																
January -	5.2	6.4		3.280	2.170	3rd	10	0	0	0				—	—	—	—	—	—	—	—
February -	5.1	6.4		2.360	.800	13th	13	0	0	0				—	—	—	—	—	—	—	—
March -	5.1	6.2		5.570	3.000	4th	11	0	0	1				9	9	6	3	3	1	15	0
April -	4.7	6.0		5.020	2.000	9th	10	0	0	0				3	3	9	1	6	3	7	3
May -	5.1	6.4		5.460	1.610	24th	12	0	0	1				1	3	6	7	1	3	4	1
June -	3.9	5.0		0.230	.130	15th	5	0	0	2				0	16	10	16	1	0	1	0
July -	5.4	6.8		3.560	.940	17th	11	0	0	1				2	28	2	13	0	0	1	1
August -	5.4	7.3		8.070	2.800	7th	19	0	0	7				2	27	5	7	1	3	1	2
September	5.0	7.8		13.050	1.980	17th	22	0	0	8				5	19	7	8	0	2	6	2
October -	5.6	7.6		16.710	1.860	23rd	22	0	0	3				5	25	11	4	2	2	1	2
November -	4.9	6.3		7.280	1.630	30th	23	0	0	2				1	31	8	5	0	2	5	2
December	5.2	6.3		10.380	4.970	1st	10	0	0	0				0	25	11	9	2	3	0	12
Year -	5.1	6.5		80.970	—	—	168	0	0	25				—	—	—	—	—	—	—	—

## NEWCASTLE.

1883.				ins.	ins.																	
January -	4.8	6.6		9.980	2.500	12th	15	0	0	0				1	19	11	3	2	5	3	2	16
February -	5.1	6.8		2.040	.600	12th	17	0	0	0				6	10	4	4	3	3	2	3	21
March -	3.7	6.1		9.610	3.150	23rd	19	0	0	0				4	24	5	3	0	3	5	8	10
April -	5.0	7.1		6.910	1.200	22nd	16	0	0	0				5	9	7	3	2	4	6	4	20
May -	5.3	6.5		8.070	1.870	5th	18	0	0	1				4	25	9	12	2	0	0	0	10
June -	4.6	5.2		5.900	1.120	2nd	10	0	0	7				3	26	17	11	0	0	0	0	3
July -	3.5	3.9		1.970	.430	6th	8	0	0	4				0	31	14	8	0	0	0	0	9
August -	3.5	6.2		7.530	2.040	16th	16	0	0	5				3	24	12	14	0	0	0	0	9
September	5.2	6.5		11.340	3.320	3rd	15	0	0	5				0	23	7	14	0	0	0	1	15
October -	4.9	8.1		21.740	3.420	20th	24	0	0	6				0	20	25	10	0	0	0	0	7
November -	3.7	6.8		9.050	2.280	4th	20	0	0	1				5	20	22	6	0	0	0	2	5
December	4.0	6.4		5.010	1.150	13th	18	0	0	1				12	38	4	0	0	0	0	1	7
Year -	4.4	6.4		99.150	—	—	196	0	0	30				43	269	137	88	9	15	16	21	132



NEWCASTLE, JAMAICA (A.M.D.).

Long. 76° 42' W. Lat. 18° 6' N. Height above Mean Sea Level, 3,800 feet.

1884.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	26°·421	26°·365	69°·3	69°·2	65°·8	54°·5	77°·1	52°·4	18th	82°·4	13th	·503	·560		70	78	
February -	·395	·337	68°·3	68°·3	64°·9	53°·1	76°·7	49°·0	23rd	80°·8	27th	·474	·535		68	77	
March -	·393	·341	70°·6	70°·8	65°·2	53°·7	76°·6	52°·0	20th	80°·8	30th	·536	·563		72	79	
April -	·357	·313	—	—	—	—	—	—	—	—	—	—	—		—	—	
May -	·350	·308	—	—	—	—	—	—	—	—	—	—	—		—	—	
June -	·341	·302	—	—	—	—	—	—	—	—	—	—	—		—	—	
July -	·358	·330	—	—	—	—	—	—	—	—	—	—	—		—	—	
August -	·343	·313	—	—	—	—	—	—	—	—	—	—	—		—	—	
September	·339	·320	—	—	—	—	—	—	—	—	—	—	—		—	—	
October -	·295	·258	—	—	—	—	—	—	—	—	—	—	—		—	—	
November	·303	·277	—	—	—	—	—	—	—	—	—	—	—		—	—	
December	26°·338	26°·308	—	—	—	—	—	—	—	—	—	—	—		—	—	
Year -	26°·353	26°·314	—	—	—	—	—	—	—	—	—	—	—		—	—	

NEWCASTLE, JAMAICA (A.M.D.).

[illegible]

NEWCASTLE JAMAICA (A.M.D.).

[illegible]

HONDURAS (A.M.D.).

Long. 88° 12' W. Lat. 17° 29' N. Height above Mean Sea Level, ? feet.

[illegible]

Thermometers, 2 feet above ground. Rain-gauge, 1 foot 6 inches above ground.

NEWCASTLE.

1884.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	4.2	6.3		8.780	3.480	10th	19	0	0	0				7	30	16	1	0	2	1	0	5		
February -	3.7	6.6		4.650	1.980	8th	11	0	0	0				7	31	5	4	0	0	1	2	8		
March -	4.7	5.2		1.750	.560	5th	9	0	0	0				4	31	11	0	0	1	0	2	13		
April -	3.8	5.5		1.620	.680	26th	5	0	0	0				1	43	9	0	0	0	0	0	7		
May -	5.5	7.6		11.860	3.140	24th	14	0	0	3				3	13	29	5	0	0	0	0	12		
June -	5.0	6.2		5.410	1.320	24th	18	0	0	5				2	38	9	1	0	0	0	0	10		
July -	3.7	4.6		0.330	.100	3, 6	5	0	0	4				1	32	14	1	0	0	0	0	14		
August -	3.9	4.3		1.820	.390	4th	12	0	0	31				0	30	4	0	0	0	0	0	28		
September	4.1	4.4		5.690	1.150	21st	11	0	0	5				4	20	9	0	0	0	0	2	25		
October -	5.5	5.9		18.260	3.800	8th	24	0	0	4				22	25	0	0	0	0	1	6	8		
November	4.9	4.3		10.110	4.400	12th	14	0	0	4				21	18	1	0	0	0	4	8	8		
December	4.5	3.9		1.950	.800	19th	9	0	0	0				19	20	8	0	0	0	2	6	7		
Year -	4.5	5.4		72.230	—	—	151	0	0	56				91	331	115	12	0	3	9	26	145		

NEWCASTLE.

1885.				ins.	ins.																	
January -	4.7	5.1		4.410	2.750	26th	5	0	0	0				17	16	12	0	0	0	1	10	6
February -	4.3	6.1		3.460	.700	5th	9	0	0	0				16	17	4	0	0	3	3	6	7
March -	4.7	4.9		2.380	.600	27th	9	0	0	0				3	20	11	6	2	10	6	2	2
April -	4.7	6.7		5.620	.750	9th	18	0	0	0				11	14	5	8	0	12	2	3	5
May -	3.6	4.5		7.070	.960	27th	11	0	0	7				2	7	2	22	1	14	7	3	4
June -	3.2	2.8		3.260	1.470	18th	4	0	0	3				1	7	0	15	6	21	1	8	1
July -	3.9	3.8		12.810	1.760	19th	11	0	0	11				4	8	1	10	9	13	3	7	7
August -	3.3	4.1		19.980	3.360	5th	15	0	0	11				0	11	0	3	8	9	5	11	15
September -	3.3	7.7		11.300	2.190	29th	18	0	0	10				1	14	0	0	9	14	8	4	10
October -	1.8	6.9		7.050	1.250	9th	15	0	0	8				7	23	0	0	5	2	0	15	10
November -	3.5	5.0		3.850	.750	15, 18	14	0	0	11				12	24	0	0	1	0	0	20	3
December -	4.7	5.5		25.270	11.030	22nd	9	0	0	6				26	25	0	0	0	0	0	8	3
Year -	3.8	5.3		106.460	—	—	138	0	0	67				100	186	35	64	41	98	36	97	73

NEWCASTLE.

1886.				ins.	ins.																	
January -	3.4	5.3		7.080	2.000	25th	13	0	0	0				12	31	0	0	0	0	0	11	8
February -	4.0	2.8		2.690	1.090	8th	13	0	0	0				34	11	0	0	0	0	0	0	11
March -	4.2	4.1		1.290	.680	24th	7	0	0	0				20	20	0	0	1	0	2	0	19
April -	6.5	6.6		9.820	2.250	3rd	15	0	0	5				33	0	0	0	0	0	0	0	27
May -	5.7	5.6		9.560	2.360	12th	11	0	0	4				5	16	0	0	0	0	0	0	41
June -	6.8	6.5		41.530	10.700	7th	17	0	0	9				4	33	0	0	0	1	0	0	22
July -	6.2	6.1		4.570	1.040	28th	13	0	0	7				16	5	0	2	0	1	0	0	38
August -	6.4	7.1		33.360	13.900	19th	24	0	0	2				5	25	0	0	0	0	0	0	32
September -	3.2	4.6		11.450	1.870	20th	13	0	0	7				3	10	0	0	0	1	0	16	30
October -	5.4	6.8		21.810	3.780	25th	24	0	0	2				0	15	1	4	0	10	0	23	9
November -	3.8	5.1		17.080	5.200	2nd	18	0	0	0				0	15	0	23	0	11	0	8	3
December -	3.8	5.1		9.570	5.800	7th	14	0	0	1				0	19	0	13	0	5	0	10	15
Year -	5.0	5.5		169.810	—	—	182	0	0	37				132	200	1	42	1	29	2	68	255

Thermometers, 2 feet above ground. Rain gauge, on or near the ground.

HONDURAS.

1866.				ins.	ins.																	
January -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
February -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
March -	3.4	2.7		0.200	.200	5th	1	—	—	—				4	13	14	29	0	0	0	2	0
April -	2.9	2.9		0.600	.500	25th	2	—	—	—				5	0	24	27	0	0	0	4	0
May -	3.1	2.7		0.000	.000	—	0	—	—	—				1	0	27	30	0	0	0	4	0
June -	4.7	3.9		0.000	.000	—	0	—	—	—				2	0	14	30	0	0	0	4	0
July -	4.3	4.5		4.750	1.550	10th	8	—	—	—				1	8	14	37	1	0	0	1	0
August -	4.6	4.3		3.050	.600	7, 27	7	—	—	—				6	2	6	41	4	0	0	3	0
September -	3.9	3.5		0.000	.000	—	0	—	—	—				1	4	16	30	0	0	0	8	1
October -	4.5	3.5		2.800	.750	31st	9	—	—	—				25	15	0	1	0	0	0	20	1
November -	4.0	3.5		1.600	.500	9th	6	—	—	—				29	8	1	9	0	0	0	12	1
December -	4.4	3.4		3.350	.500	23rd	11	—	—	—				7	18	2	29	0	0	0	6	0
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—



## HONDURAS (A.M.D.).

Long. 88° 12' W. Lat. 17° 29' N. Height above Mean Sea Level, ? feet.

1867.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.		
						Min.	Max.	Min.	Date.	Max.	Date.								
January -	ins.	ins.	75°·62	78°·32	76°·3	72°·22	80°·42	60°·0	31st	83°·0	2, 14, 27	·763 <sup>2</sup>	·783 <sup>2</sup>	in.	in.	in.	% <sup>62</sup>	% <sup>82</sup>	%
February -	—	—	76°·3	79°·1	76°·9	73°·7	80°·1	59°·0	10th	83°·0	7, 22, 25	·769	·814	—	—	—	84	82	—
March -	—	—	79°·8	81°·4	80°·9	78°·1	83°·7	73°·0	16th	87°·0	21st, 23rd	·876	·889	—	—	—	87	83	—
April -	—	—	80°·2	81°·7	80°·5	77°·3	83°·7	72°·0	12th, 21st	86°·0	25, 26	·868	·840	—	—	—	85	80	—
May -	—	—	82°·0	82°·7	82°·7	79°·8	85°·6	70°·0	9th	88°·0	1st, 2nd	·897	·882	—	—	—	82	79	—
June -	—	—	81°·6	84°·0	82°·9	79°·2	86°·5	75°·0	6, 14, 23	89°·0	5, 11	·910	·888	—	—	—	85	76	—
July -	—	—	—	—	82°·2	79°·2	85°·1	75°·0	31st	87°·0	25th	—	—	—	—	—	—	—	—
August -	—	—	—	—	82°·7	79°·2	86°·2	75°·0	20th	88°·0	13, 14	—	—	—	—	—	—	—	—
September -	—	—	—	—	82°·3	78°·6	85°·9	74°·0	20th	87°·0	1, 15, 30	—	—	—	—	—	—	—	—
October -	—	—	—	—	79°·8	75°·7	83°·8	73°·0	24th	88°·0	2nd, 6th	—	—	—	—	—	—	—	—
November -	—	—	—	—	75°·1	70°·4	79°·7	60°·0	13th	85°·0	10, 11, 26	—	—	—	—	—	—	—	—
December -	—	—	—	—	76°·4	72°·4	80°·3	70°·0	13, 15, 28	83°·0	25th	—	—	—	—	—	—	—	—
Year -	—	—	—	—	79°·9	76°·3	83°·4	—	—	—	—	—	—	—	—	—	—	—	—

## HONDURAS (A.M.D.).

1868.	ins.	ins.	°	°	76° 4	72° 3	80° 4	56° 0	1st	83° 0	22, 31	in.	in.	in.	%	%	%
January -	—	—	—	—	76° 4	72° 3	80° 4	56° 0	1st	83° 0	22, 31	—	—	—	—	—	—
February -	—	—	—	—	73° 4	69° 9	76° 9	61° 0	1st	81° 0	11, 25, 29	—	—	—	—	—	—
March -	—	—	—	—	78° 2	75° 2	81° 1	69° 0	24, 25	83° 0	3, 18, 30	—	—	—	—	—	—
April -	—	—	—	—	78° 8	76° 8	80° 7	62° 0	8th	83° 0	15, 16, 17	—	—	—	—	—	—
May -	—	—	—	—	80° 8	79° 0	82° 5	69° 0	14th	94° 0	23rd	—	—	—	—	—	—
June -	—	—	—	—	81° 6	78° 1	85° 0	73° 0	8th, 9th	89° 0	7th	—	—	—	—	—	—
July -	—	—	—	—	81° 9	79° 2	84° 6	75° 0	15, 30	85° 0	1, 15, 30	—	—	—	—	—	—
August -	—	—	—	—	82° 0	79° 0	85° 0	73° 0	23rd	87° 0	18th	—	—	—	—	—	—
September -	—	—	80° 1	83° 2	81° 3	77° 7	84° 8	74° 0	13, 18	86° 0	2, 9, 24	899	897	—	88	79	—
October -	—	—	79° 5	82° 5	80° 3	76° 2	84° 4	74° 0	6th, 21st	88° 0	4th, 8th	917	946	—	91	85	—
November -	—	—	75° 2	78° 7	75° 5	71° 3	79° 6	63° 0	30th	85° 0	1st	798	812	—	91	83	—
December -	—	—	75° 1	76° 6	74° 3	67° 0	81° 6	59° 0	8th	87° 0	30th	729	720	—	83	79	—
Year -	—	—	—	—	78° 7	75° 1	82° 2	—	—	—	—	—	—	—	—	—	—

## HONDURAS (A.M.D.).

1869.	ins.	ins.	°	°	79° 0	71° 6	86° 4	63° 0	11th	90° 0	29th	in.	in.	in.	%	%	%
January -	—	—	78° 9	79° 7	79° 0	71° 6	86° 4	63° 0	11th	90° 0	29th	792	803	—	80	79	—
February -	—	—	80° 4	81° 5	80° 7	73° 5	87° 8	65° 0	25th	91° 0	14th	827	807	—	80	75	—
March -	—	—	81° 4	83° 0	80° 6	74° 5	86° 7	62° 0	2nd	90° 0	19th	931	897	—	87	80	—
April -	—	—	86° 0	85° 3	83° 7	76° 0	91° 4	63° 0	10th	93° 0	10, 23, 30	1116	1104	—	89	89	—
May -	—	—	83° 1	84° 6	83° 6	79° 1	88° 0	73° 0	3rd	92° 0	1, 4, 5	986	986	—	87	83	—
June -	—	—	82° 5	83° 0	—	79° 5	—	76° 0	11th	—	—	1062	1040	—	96	93	—
July -	—	—	82° 2	82° 8	—	81° 2	—	76° 0	18, 29	—	—	1057	1083	—	97	97	—
August -	—	—	82° 2	83° 4	—	78° 2	—	74° 0	21st	—	—	1063	1106	—	97	97	—
September -	—	—	85° 4	86° 3	—	78° 6	—	73° 0	17th	—	—	1145	1185	—	93	95	—
October -	—	—	80° 3	83° 1	—	73° 1	—	62° 0	30th	—	—	887	939	—	86	84	—
November -	—	—	77° 6	82° 1	—	69° 5	—	64° 0	22nd	—	—	804	837	—	85	77	—
December -	—	—	74° 6	78° 2	—	66° 8	—	58° 0	31st	—	—	685	662	—	80	68	—
Year -	—	—	81° 2	82° 8	—	75° 1	—	—	—	—	—	946	954	—	88° 1	84° 8	—

## HONDURAS (A.M.D.).

1870.	ins.	ins.	°	°	°	63° 7	°	58° 0	4th	°	—	in.	in.	in.	%	%	%
January -	—	—	76° 3	79° 71	°	63° 7	°	58° 0	4th	°	—	756	789	—	83	77	—
February -	—	—	74° 1	78° 6	—	66° 04	—	54° 0	10th	—	—	667	735	—	79	75	—
March -	—	—	79° 7	83° 3	—	73° 4	—	65° 0	28th	—	—	780	792	—	76	70	—
April -	—	—	81° 8	84° 0	—	74° 2	—	63° 0	1st	—	—	830	835	—	77	72	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

## HONDURAS.

1867.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	3.7 <sup>2</sup>	3.3 <sup>2</sup>		2.000	.500	7th	6							13	14	0	28	2	0	0	5	0
February -	3.7	3.2		1.500	.600	12th	5							6	5	7	36	0	0	0	2	0
March -	3.4	2.7		0.000	.000	—	0							6	17	7	32	0	0	0	0	0
April -	3.4	3.1		0.700	.350	12, 17	2							4	3	22	29	0	0	1	1	0
May -	3.8	3.3		0.100	.100	7th	1							2	1	26	31	0	0	0	2	0
June -	3.2	3.7		3.450	.750	22nd	10							8	3	17	27	4	0	1	0	0
July -	4.0	2.8		2.950	.600	29th	11							1	2	26	32	0	0	0	1	0
August -	2.9	2.0		1.850	.650	29th	6							0	1	19	33	3	0	2	4	0
September -	3.9	3.7		2.650	1.200	22nd	6							2	1	11	38	1	0	0	6	1
October -	4.3	3.9		4.205	1.000	15th	14							31	8	10	9	3	0	0	1	0
November -	3.5	3.0		2.200	.600	2nd	7							47	4	3	4	0	0	1	0	1
December -	4.0	3.4		4.700	.850	1st	14							5	29	13	8	1	0	1	4	1
Year -	3.7	3.2		26.305	—	—	82							125	88	161	307	14	0	6	26	3

## HONDURAS.

				ins.	ins.																	
1868.																						
January -	2.7	2.8		1.765	.800	14th	6							5	10	5	41	0	0	0	1	0
February -	3.1	2.9		2.300	.400	4, 13	10							19	8	5	23	3	0	0	0	0
March -	2.6	2.3		0.000	.000	—	0							2	6	13	40	1	0	0	0	0
April -	2.7	2.3		0.450	.350	7th	2							3	3	20	33	1	0	0	0	0
May -	2.6	2.2		0.000	.000	—	0							1	3	29	27	0	0	1	1	0
June -	4.1	3.7		2.610	1.500	13th	6							0	4	32	18	1	0	1	4	0
July -	3.0	3.6		2.500	1.500	7th	2							1	1	36	23	1	0	0	0	0
August -	3.8	3.3		15.200	7.400	23rd	10							4	10	20	15	13	0	0	0	0
September -	3.7	3.0		17.000	6.000	18th	9							2	16	22	20	0	0	0	0	0
October -	4.2	3.2		12.820	3.500	17th	16							6	17	7	13	3	0	2	12	2
November -	3.7	2.9		9.460	3.750	7th	11							22	21	9	7	0	0	0	1	0
December -	2.5	2.7		1.560	.460	28th	8							3	26	10	11	0	0	1	11	0
Year -	3.2	2.9		65.665	—	—	80							68	125	208	271	23	0	5	30	2

## HONDURAS.

				ins.	ins.																	
1869.																						
January -	3.4	3.0		5.930	2.000	7th	11							8	12	21	21	0	0	0	0	0
February -	2.6	2.2		2.710	1.200	11th	7							9	9	13	25	0	0	0	0	0
March -	2.5	2.5		1.970	1.500	18th	3							6	8	18	30	0	0	0	0	0
April -	2.7	2.5		0.010	.010	28th	1							4	12	33	10	1	0	0	0	0
May -	2.3	2.2		5.850	2.230	21st	6							8	18	30	6	0	0	0	0	0
June -	2.6	2.7		3.490	.750	11th	8							0	14	45	1	0	0	0	0	0
July -	3.1	3.3		1.050	.500	4th	3							6	13	42	0	1	0	0	0	0
August -	5.5	5.3		7.200	2.600	25th	7							19	26	16	0	1	0	0	0	0
September -	5.1	4.3		4.180	1.650	13th	5							13	12	33	0	0	0	2	0	0
October -	5.6	4.5		23.250	4.700	2nd	18							7	22	15	2	0	0	5	11	0
November -	5.1	5.1		5.920	2.310	27th	11							12	6	10	1	0	0	3	27	1
December -	5.1	5.3		14.190	4.180	25th	18							14	7	7	2	0	0	8	22	2
Year -	3.8	3.6		75.750	—	—	98							106	159	283	98	3	0	18	60	3

## HONDURAS.

				ins.	ins.																	
1870.																						
January -	5.1	5.4		6.380	1.800	26th	17							19	20	12	4	0	0	1	6	0
February -	5.1	4.2		1.680	.500	6, 7	5							20	13	7	5	0	1	4	6	0
March -	5.5	4.0		2.770	1.500	30th	3							9	14	25	5	0	0	1	8	0
April -	5.6	5.1		0.590	.260	17th	8							3	24	29	0	0	0	1	3	0
May -																						
June -																						
July -																						
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## BARBADOS (R.E.).

Long. 59° 40' W. Lat. 13° 5' N. Height above Mean Sea Level, 6 feet.

1853.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	29.914	29.870	80.8	81.8	79.7	75.5	83.8	73.0	10, 15	85.0	2, 14, 28	.766	.779		70.6	72.9	
February -	.914	.883	79.6	80.7	78.6	73.7	83.4	67.0	7th	86.0	22, 25	.689	.721		69.7	69.5	
March -	.947	.917	81.2	81.8	79.8	75.4	84.2	69.5	4th	87.0	31st	.685	.692		66.8	65.1	
April -	.912	.872	82.9	83.7	81.4	76.5	86.3	71.5	25th	88.0	22, 23, 24	.704	.736		65.7	64.7	
May -	.920	.883	83.2	83.5	82.0	78.0	86.0	72.0	12th	88.4	5th	.817	.820		73.1	72.5	
June -	.958	.919	82.9	83.3	82.2	78.4	85.9	76.0	30th	88.0	20th	.834	.822		75.0	73.5	
July -	.952	.934	83.4	83.6	81.8	77.8	85.8	73.5	17, 19, 31	88.0	19, 22	.868	.856		77.0	75.2	
August -	.909	.879	83.0	82.9	81.3	76.7	85.9	72.5	11th	89.5	19th	.888	.897		78.0	77.9	
September -	.900	.864	83.2	83.6	81.4	77.0	85.8	74.0	16th	88.5	18th	.850	.850		75.7	73.7	
October -	.869	.804	81.3	82.7	80.7	76.5	84.8	72.0	24th	88.0	2nd	.845	.836		77.5	75.6	
November -	.850	.783	81.8	81.4	81.9	76.5	87.3	72.7	21st	91.0	15, 17, 22	.839	.848		77.9	79.4	
December -	29.853	29.773	80.9	82.6	80.6	76.2	85.0	73.5	27th	87.2	18th	.873	.888		83.3	81.0	
Year -	29.908	29.865	82.0	82.6	81.0	76.5	85.4	—	—	—	—	.805	.812		74.2	73.4	

## BARBADOS (R.E.).

1854.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.936	29.878	80.0	82.1	79.1	74.2	83.9	71.0	30th, 31st	86.0	13th, 29th	.771	.800		76.7	73.8	
February -	.943	.912	79.7	81.9	78.0	72.6	83.4	71.0	16, 20, 23	85.5	26th	.792	.834		79.3	77.6	
March -	.949	.911	80.9	81.8	79.4	74.1	84.7	71.9	12th	87.0	19th, 25th	.809	.814		76.0	75.5	
April -	.945	.917	81.9	83.1	80.0	74.2	85.8	72.0	4th, 18th	88.7	21st	.769	.766		71.7	68.5	
May -	29.943	29.910	—	—	—	—	86.8	—	—	88.5	14th	—	—		—	—	
June -	—	—	—	—	—	—	86.7	—	—	89.0	17, 23, 24	—	—		—	—	
July -	—	—	—	—	—	—	86.3	—	—	88.0	21st	—	—		—	—	
August -	—	—	—	—	—	—	86.5	—	—	90.0	26th	—	—		—	—	
September -	—	—	—	—	—	—	87.2	—	—	90.0	4th	—	—		—	—	
October -	—	—	—	—	—	—	87.2	—	—	89.0	9th, 12th	—	—		—	—	
November -	—	—	—	—	—	—	85.6	—	—	88.0	6th	—	—		—	—	
December -	—	—	80.8	82.8	79.4	74.9	83.9	72.0	1st	85.5	1, 12, 31	.771	.736		73.8	66.4	
Year -	—	—	—	—	—	—	85.7	—	—	—	—	—	—		—	—	

## BARBADOS (R.E.).

1855.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	80.5	80.5	79.1	74.8	83.4	73.0	11, 12, 22	85.0	1, 21, 31	.798	.769		76.9	75.6	
February -	29.945	29.908	80.7	81.9	79.3	74.5	84.0	72.0	16th	86.5	13th	.748	.771		72.6	72.3	
March -	.941	.909	82.9	82.9	80.3	75.3	85.3	73.0	8th	87.5	15th	.741	.766		67.0	68.5	
April -	.918	.896	83.5	84.0	81.0	75.5	86.5	73.0	9th	88.0	13, 17	.753	.756		67.6	65.4	
May -	.918	.887	83.7	83.4	81.4	77.3	85.5	74.0	2nd, 4th	87.5	30th	.845	.856		75.2	75.9	
June -	.945	.908	83.6	83.6	81.8	77.2	86.3	74.5	11, 29	88.0	3rd, 8th	.850	.845		74.7	74.5	
July -	.963	.932	83.0	82.7	81.4	77.0	85.7	74.5	2nd	87.5	13th	.820	.828		73.2	74.7	
August -	.940	.896	82.6	82.9	81.2	77.3	85.1	73.5	2nd	87.0	17, 23, 28	.868	.836		79.6	75.4	
September -	.933	.894	83.1	82.8	81.6	76.9	86.2	74.0	24th	87.5	12th	.862	.836		77.0	76.0	
October -	.935	.882	82.2	82.9	81.1	76.5	85.7	74.2	25th	88.0	13th	.873	.888		80.5	76.8	
November -	.909	.853	82.2	83.2	81.0	76.1	85.8	74.0	12, 13, 28	87.0	3, 7, 12	.820	.820		75.3	73.1	
December -	29.951	29.887	80.9	81.3	79.4	74.7	84.0	70.0	6, 10	86.2	2nd	.779	.769		74.5	73.0	
Year -	—	—	82.4	82.7	80.7	76.1	85.3	—	—	—	—	.813	.812		74.5	73.4	

## BARBADOS (R.E.).

1856.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.993	29.935	80.8	81.7	78.9	73.9	83.9	70.8	25th	85.5	26th	.718	.721		69.7	67.4	
February -	30.004	.944	80.8	81.5	78.9	73.5	84.2	71.2	7th	86.5	20th	.694	.704		67.1	66.7	
March -	29.995	.945	81.9	82.5	79.6	73.9	85.3	70.5	1st	87.0	29th	.666	.704		62.6	64.0	
April -	.983	.933	83.1	83.8	81.2	76.0	86.4	74.2	22nd	87.0	8, 19, 30	.718	.718		64.5	63.0	
May -	.975	.920	84.2	83.9	82.0	77.2	86.7	76.0	12th	88.0	28th	.761	.781		65.7	68.2	
June -	.981	.938	82.8	83.0	81.1	76.5	85.6	73.5	5th	89.8	1st	.803	.784		72.0	70.5	
July -	.995	.955	83.5	84.3	81.8	76.7	86.8	74.0	19th	90.0	30th	.798	.777		71.5	67.9	
August -	.963	.905	83.3	83.8	81.6	76.8	86.3	72.8	14th	89.0	2nd	.825	.834		73.5	72.8	
September -	.964	.899	83.4	83.7	81.8	77.3	86.2	76.0	5, 8, 10	89.0	30th	.848	.845		75.2	74.3	
October -	.950	.885	83.5	83.6	82.2	77.5	86.8	74.0	18th	90.0	16th	.831	.856		73.4	75.1	
November -	.926	.854	81.2	81.7	80.0	75.3	84.6	72.0	4th, 7th	86.5	16th	.792	.769		75.5	72.5	
December -	29.958	29.873	79.7	80.4	78.4	73.3	83.5	66.5	24th	87.0	28th	.706	.713		72.0	70.3	
Year -	29.974	29.916	82.4	82.8	80.6	75.7	85.5	—	—	—	—	.763	.767		70.2	69.4	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BARBADOS.

1853.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	4.6	4.2		ins. 2.570	ins. .390	6th	15							0	1	27	3	0	0	0	0	0		
February -	4.4	4.6		4.340	2.470	3rd	8							0	13	11	0	1	0	0	3	0		
March -	4.5	4.2		2.100	.470	11th	14							0	6	22	3	0	0	0	0	0		
April -	4.2	4.6		1.110	.450	24th	9							0	1	27	2	0	0	0	0	0		
May -	5.3	5.6		13.410	3.640	22nd	14							0	0	23	8	0	0	0	0	0		
June -	4.9	4.5		3.360	.600	24th	16							0	0	29	1	0	0	0	0	0		
July -	4.5	4.6		3.000	.430	13th	19							0	1	30	0	0	0	0	0	0		
August -	4.7	5.3		5.130	1.100	21st	15							0	0	30	1	0	0	0	0	0		
September -	5.3	4.9		7.550	4.050	18th	14							0	0	27	2	1	0	0	0	0		
October -	5.4	5.3		8.590	2.310	4th	24							0	1	27	2	0	1	0	0	0		
November -	4.8	4.6		9.230	2.150	17th	18							0	0	28	1	0	0	0	1	0		
December -	3.8	3.4		0.800	.300	20th	8							0	1	23	7	0	0	0	0	0		
Year -	4.7	4.7		61.190	—	—	174							0	24	304	30	2	1	0	4	0		

NOTE.—The wind summary for 1853 includes only the morning observations.

BARBADOS.

				ins.	ins.																	
1854.				ins.	ins.																	
January -	4.8	4.3		1.190	.250	28th	12							0	5	57	0	0	0	0	0	0
February -	4.2	4.5		0.670	.220	6th	6							0	1	54	0	1	0	0	0	0
March -	5.2	4.9		0.070	.050	13th	2							0	0	56	6	0	0	0	0	0
April -	5.4	4.7		0.350	.140	4th	4							0	1	55	4	0	0	0	0	0
May -	5.3	5.5		1.540	.350	17th	10							0	0	57	4	1	0	0	0	0
June -	5.1	4.9		3.990	.800	29th	17							0	0	59	0	1	0	0	0	0
July -	5.1	5.6		4.670	.650	31st	19							0	1	59	1	1	0	0	0	0
August -	4.2	4.3		3.080	1.050	6th	12							0	0	53	1	1	7	0	0	0
September -	4.4	5.2		5.040	1.470	10th	18							1	1	53	3	2	0	0	0	0
October -	4.1	4.9		7.200	2.000	14th	11							0	0	44	10	1	7	0	0	0
November -	3.8	3.9		11.220	3.200	12th	16							1	4	45	5	5	0	0	0	0
December -	4.7	4.2		3.860	1.200	5th	14							1	2	58	1	0	0	0	0	0
Year -	4.7	4.7		42.880	—	—	141							3	15	650	35	13	14	0	0	0

BARBADOS.

				ins.	ins.																	
1855.				ins.	ins.																	
January -	5.0	4.6		5.730	1.530	5th	15							1	0	61	0	0	0	0	0	0
February -	4.0	4.4		1.940	.920	25th	8							2	3	45	2	3	0	0	1	0
March -	3.6	3.6		0.970	.450	27th	6							0	4	51	4	2	1	0	0	0
April -	4.1	4.0		0.870	.700	25th	3							0	6	48	6	0	0	0	0	0
May -	4.3	4.5		7.460	2.790	4th	15							0	0	57	5	0	0	0	0	0
June -	4.2	4.6		8.030	2.260	11th	17							0	0	47	13	0	0	0	0	0
July -	4.3	4.0		6.570	3.200	12th	19							0	2	57	2	0	1	0	0	0
August -	5.2	4.8		11.300	4.950	25th	18							0	3	51	6	0	1	1	0	0
September -	4.4	4.3		6.860	1.340	18th	17							0	4	49	6	0	0	0	1	0
October -	4.6	4.6		4.630	.680	23rd	16							0	3	46	12	1	0	0	0	0
November -	4.2	4.5		4.930	1.830	12th	14							0	1	41	17	1	0	0	0	0
December -	4.2	4.1		2.750	.620	1st	10							0	5	57	0	0	0	0	0	0
Year -	4.3	4.3		62.040	—	—	158							3	31	610	73	7	3	1	2	0

BARBADOS.

				ins.	ins.																	
1856.				ins.	ins.																	
January -	4.0	3.4		1.700	.620	3rd	9							0	2	55	5	0	0	0	0	0
February -	3.6	3.4		1.290	.460	7th	6							0	1	53	4	0	0	0	0	0
March -	3.3	3.4		0.630	.370	5th	4							0	7	45	7	3	0	0	0	0
April -	2.9	2.8		0.680	.250	9th	6							0	0	59	1	0	0	0	0	0
May -	3.2	3.6		2.260	.490	28th	9							1	0	46	14	1	0	0	0	0
June -	4.5	4.5		4.370	1.540	5th	15							1	5	48	5	1	0	0	0	0
July -	3.5	3.6		2.180	.570	4th	13							0	3	44	15	0	0	0	0	0
August -	4.0	4.3		7.040	1.480	9th	15							0	20	18	20	0	3	0	1	0
September -	3.5	3.7		5.120	1.430	23rd	13							0	6	17	35	2	0	0	0	0
October -	3.6	4.0		4.380	1.750	26th	11							0	14	19	29	0	0	0	0	0
November -	3.8	4.1		6.100	1.350	7th	16							0	20	24	14	0	1	0	1	0
December -	3.8	3.7		2.690	.760	9th	10							0	53	9	0	0	0	0	0	0
Year -	3.6	3.7		38.440	—	—	127							2	131	437	149	7	4	0	2	0



## BARBADOS (R.E.).

Long. 59° 40' W. Lat. 13° 5' N. Height above Mean Sea Level, 6 feet.

1857.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%.	%.	%.
January -	30°013	29°915	78°9	80°0	77°8	72°3	83°2	69°5	26th	85°5	17th	·690	·690		71°4	69°1	
February -	29°975	·895	78°7	79°8	77°9	73°0	82°8	68°8	5th	85°5	19th	·744	·744		77°5	74°8	
March -	·996	·924	80°1	81°3	79°0	74°0	84°0	71°0	8, 9, 15	87°0	29th	·694	·676		69°4	64°7	
April -	·970	·888	81°8	83°1	80°2	74°5	85°9	71°5	2nd	87°0	10, 23	·723	·696		68°1	62°9	
May -	·968	·907	82°3	83°5	80°9	76°0	85°8	71°5	2ud	87°0	1, 21, 31	·772	·769		71°8	68°5	
June -	·991	·920	82°3	83°1	81°2	76°1	86°2	71°0	11th	88°0	11th	·780	·761		72°5	69°2	
July -	29°953	·892	82°3	82°4	81°0	76°3	85°7	72°5	18th	87°0	3, 15, 28	·790	·774		73°5	72°1	
August -	30°007	·938	82°7	83°1	81°3	76°6	86°0	75°0	7, 10, 15	88°0	26th	·832	·800		76°8	72°9	
September	29°982	·930	82°4	83°2	81°0	76°3	85°7	74°0	12th	89°0	23rd	·836	·799		78°2	72°9	
October -	·978	·912	82°7	83°6	81°6	76°5	86°6	74°5	15th	88°0	10, 22	·845	·806		77°5	72°1	
November	29°961	·898	79°9	80°8	79°4	74°6	84°2	72°0	27th	87°0	8th, 9th	·830	·785		83°1	76°8	
December	30°005	29°940	79°2	80°0	78°3	74°0	82°6	72°0	8th	84°0	3, 6, 7	·764	·775		78°5	77°5	
Year -	29°983	29°913	81°1	82°0	80°0	75°0	84°9	—	—	—	—	·775	·756		74°9	71°1	

## BARBADOS (R.E.).

1858.	ins.	ins.										in.	in.	in.	%.	%.	%.
January -	30.028	29.954	77.9	79.4	77.2	71.9	82.5	68.0	27th	84.0	24th	.706	.713		74.9	72.6	
February -	30.042	.972	78.5	80.5	77.7	72.3	83.0	70.5	4th	84.5	17, 26	.684	.678		72.1	67.6	
March -	29.992	.938	80.1	80.4	78.9	73.6	84.2	70.0	5th	86.0	21, 31	.719	.749		71.7	68.5	
April -	.998	.945	82.2	83.0	80.6	75.2	86.0	72.0	7th	87.0	10, 17, 26	.711	.725		70.6	66.1	
May -	.999	.946	82.9	83.2	81.2	76.2	86.2	72.5	9th	88.5	18th	.774	.756		70.7	68.3	
June -	29.991	.953	81.2	81.9	80.2	75.6	84.8	72.5	26th	86.5	29th	.795	.772		76.6	72.5	
July -	30.005	.964	82.7	83.1	81.3	76.5	86.1	75.5	4th, 22nd	87.5	26th	.804	.772		74.1	69.6	
August -	29.968	.928	83.7	83.2	82.0	76.9	87.0	75.5	5th	90.0	7th	.834	.794		74.3	72.5	
September -	.974	.923	83.2	84.0	81.7	76.4	86.9	74.0	27, 28	89.0	9th	.848	.844		76.5	74.4	
October -	.925	.865	83.0	82.3	81.6	76.6	86.5	73.5	29th	88.5	28th	.825	.838		77.5	78.5	
November -	.940	.887	81.0	81.5	80.3	75.5	85.0	73.0	28th	87.0	8th	.824	.828		80.0	78.5	
December -	29.970	29.909	78.9	79.2	78.2	73.2	83.2	68.5	28th	86.5	14th	.771	.772		79.6	78.7	
Year -	29.986	29.932	81.3	81.8	80.1	75.0	85.1	—	—	—	—	.775	.770		74.9	72.3	

## BARBADOS (R.E.).

1859.	ins.	ins.										in.	in.	in.	%.	%.	%.
January -	29.989	29.940	78.1	79.7	77.3	71.8	82.7	68.0	31st	85.0	29th	.703	.735		77.2	73.6	
February -	—	—	78.3	80.8	77.5	71.7	83.3	69.0	21st	85.0	26th	.690	.730		72.9	71.6	
March -	—	—	79.2	80.5	78.0	72.2	83.8	69.0	4th	86.0	29th	.717	.683		71.0	64.9	
April -	—	—	80.5	82.2	79.4	74.3	84.5	71.0	1st	87.5	24th	.726	.756		70.8	70.0	
May -	—	—	82.2	83.6	81.5	76.4	86.5	74.0	8th, 21st	88.0	13, 14, 16	.808	.856		75.6	75.8	
June -	—	—	82.9	83.2	81.5	76.9	86.1	75.0	21, 24, 30	88.0	7th	.843	.807		76.9	72.6	
July -	—	—	81.8	82.2	81.1	76.2	86.0	72.0	1st	88.5	22nd	.821	.825		77.7	76.0	
August -	—	—	82.4	83.3	81.7	76.7	86.6	75.0	6th, 20th	90.0	26th	.839	.882		77.8	79.1	
September -	—	—	84.0	85.7	82.6	77.0	88.1	73.5	29th	90.0	2nd, 5th	.829	.957		71.7	79.1	
October -	—	—	82.6	83.9	81.2	76.3	86.0	73.5	17, 18, 20	88.5	9th	.880	.908		84.0	79.8	
November -	—	—	80.2	81.3	79.2	74.8	83.6	73.0	7, 15, 20	88.0	13th	.811	.846		81.7	78.2	
December -	—	—	79.0	79.8	77.8	73.9	81.7	70.5	23rd	84.0	31st	.799	.849		82.1	85.2	
Year -	—	—	80.9	82.2	79.9	74.9	84.9	—	—	—	—	.789	.820		76.6	75.5	

## BARBADOS (R.E.).

1860.	ins.	ins.										in.	in.	in.	%.	%.	%.
January -	—	—	79.8	81.6	78.5	74.1	82.9	72.0	12, 13, 14	85.0	31st	.709	.799		70.8	75.5	
February -	—	—	78.9	81.2	77.8	72.8	82.8	70.0	24th	85.0	27th	.678	.755		70.4	72.4	
March -	—	—	81.5	81.8	79.1	74.3	83.9	71.0	27th	86.0	24, 25	.687	.662		65.7	64.5	
April -	30.019	29.965 <sup>1</sup>	82.6	82.6 <sup>1</sup>	80.6	75.9	85.3	73.5	13th	87.5	24, 28	.728	.751 <sup>1</sup>		67.0	69.1 <sup>1</sup>	
May -	.041	.986	84.5	84.5	82.5	77.7	87.3	74.0	17th	88.5	18, 19	.724	.719		62.8	62.2	
June -	30.013	.966	83.8	84.2	82.1	77.5	86.7	75.0	13th	89.0	26th	.777	.744		69.0	65.2	
July -	29.975	.923	84.4	85.1	82.8	78.0	87.6	76.0	2nd	90.0	14th	.801	.745		70.8	65.5	
August -	.948	.891	83.6	83.4	82.0	77.6	86.4	75.0	17th	88.5	6th, 7th	.865	.794		80.8	73.3	
September -	.943	.879	82.9	83.0	81.6	76.9	86.2	73.0	29th	87.5	19, 20, 30	.872	.838		80.0	76.1	
October -	.911	.831	82.2	82.2	80.9	76.3	85.5	74.5	1, 23, 30	88.0	6th, 7th	.870	.844		82.4	78.9	
November -	.935	.839	81.5	82.6	80.6	76.0	85.2	72.5	29, 30	87.0	16th	.815	.799		77.0	73.9	
December -	29.984	29.889	80.5	81.3	79.2	74.8	83.5	73.0	28th	85.0	1, 12, 15	.781	.764		77.0	73.0	
Year -	—	—	82.2	82.8	80.7	76.0	85.3	—	—	—	—	.776	.768		72.8	70.8	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BARBADOS.

1857.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	3.7	3.4		0.910	.220	18th	9							0	39	23	0	0	0	0	0	0	
February -	3.9	3.5		3.430	1.270	11th	16							0	15	25	16	0	0	0	0	0	
March -	3.2	3.3		0.850	.220	15th	7							0	16	39	7	0	0	0	0	0	
April -	2.8	2.4		0.970	.420	15th	6							0	4	8	40	2	2	1	3	0	
May -	3.5	3.5		3.290	1.930	3rd	11							0	9	16	37	0	0	0	0	0	
June -	3.9	3.9		4.820	1.070	11th	15							0	6	36	17	1	0	0	0	0	
July -	3.6	3.6		6.450	2.490	13th	14							0	13	30	17	2	0	0	0	0	
August -	3.6	4.2		3.790	.880	7th	16							0	24	25	13	0	0	0	0	0	
September -	4.6	4.4		4.690	.990	5th	20							0	11	26	21	2	0	0	0	0	
October -	3.8	3.9		5.640	1.500	30th	10							0	18	17	27	0	0	0	0	0	
November -	4.3	3.9		6.760	1.760	16th	21							0	23	16	21	0	0	0	0	0	
December -	3.8	3.6		3.340	.720	1st	17							0	37	23	2	0	0	0	0	0	
Year -	3.7	3.6		44.940	—	—	162							0	215	284	218	7	2	1	3	0	

BARBADOS.

				ins.	ins.																	
1858.				ins.	ins.																	
January -	2.7	2.8		1.020	.240	1st	10							1	44	11	6	0	0	0	0	0
February -	3.9	3.0		0.950	.230	18th	6							0	30	12	14	0	0	0	0	0
March -	3.6	3.3		3.470	1.730	5th	6							0	24	22	14	0	0	0	2	0
April -	3.3	3.1		0.460	.380	5th	2							0	21	12	26	0	0	0	1	0
May -	3.5	3.9		4.090	1.620	18th	11							0	7	27	28	0	0	0	0	0
June -	3.8	4.0		3.550	1.420	13th	13							0	17	28	15	0	0	0	0	0
July -	3.6	3.5		2.240	.430	3rd	16							0	28	20	14	0	0	0	0	0
August -	3.7	4.1		3.130	.630	22nd	15							0	28	17	17	0	0	0	0	0
September -	3.1	3.3		5.080	1.680	14th	12							2	7	13	35	2	1	0	0	0
October -	3.5	4.3		10.150	3.100	29th	15							0	14	10	36	2	0	0	0	0
November -	3.5	4.0		5.380	1.200	28th	16							0	31	10	12	7	0	0	0	0
December -	3.6	3.5		3.400	.800	9th	16							0	44	10	8	0	0	0	0	0
Year -	3.5	3.6		42.920	—	—	138							3	295	192	225	11	1	0	3	0

BARBADOS.

				ins.	ins.																	
1859.				ins.	ins.																	
January -	2.8	3.1		2.220	.750	30th	12							0	46	11	3	0	0	0	2	0
February -	2.9	2.6		1.650	.700	28th	11							0	39	17	0	0	0	0	0	0
March -	2.5	2.1		1.510	.420	16th	11							0	26	35	1	0	0	0	0	0
April -	2.5	1.3		1.040	.450	11, 13	4							0	26	32	2	0	0	0	0	0
May -	3.3	2.8		3.190	.860	21st	11							0	1	9	51	1	0	0	0	0
June -	2.6	2.9		3.620	.600	23rd	19							0	0	55	5	0	0	0	0	0
July -	2.8	2.9		4.650	1.730	24th	14							1	29	23	9	0	0	0	0	0
August -	2.8	2.7		1.870	.470	18th	11							0	23	18	21	0	0	0	0	0
September -	3.4	3.1		4.840	2.750	27th	10							0	10	17	33	0	0	0	0	0
October -	3.7	3.1		8.740	1.220	11th	20							0	18	16	28	0	0	0	0	0
November -	3.4	3.3		7.460	2.500	7th	15							0	33	16	11	0	0	0	0	0
December -	3.2	2.7		2.380	1.250	6th	8							1	36	23	2	0	0	0	0	0
Year -	3.0	2.7		43.170	—	—	146							2	287	272	166	1	0	0	2	0

BARBADOS.

				ins.	ins.																	
1860.				ins.	ins.																	
January -	3.0	2.8		1.720	.500	11th	12							0	18	42	2	0	0	0	0	0
February -	3.7	2.9		1.150	.270	23rd	12							1	24	30	3	0	0	0	0	0
March -	3.4	3.2		1.170	.800	1st	6							0	9	45	8	0	0	0	0	0
April -	4.8	4.3 <sup>1</sup>		0.800	.250	12th	8							—	—	—	—	—	—	—	—	—
May -	3.5	3.3		0.190	.100	2nd	6							—	—	—	—	—	—	—	—	—
June -	4.3	4.4		2.290	.640	13th	12							0	1	47	12	0	0	0	0	0
July -	4.0	3.7		3.000	1.210	21st	11							0	1	38	23	0	0	0	0	0
August -	4.1	4.4		10.150	4.710	9th	20							0	4	31	27	0	0	0	0	0
September -	3.9	3.8		7.790	1.700	27th	16							0	2	31	25	1	1	0	0	0
October -	3.5	3.7		11.490	2.280	23rd	15							0	2	31	25	4	0	0	0	0
November -	3.9	3.2		7.340	4.300	3rd	12							1	12	39	7	0	0	1	0	0
December -	3.8	3.6		2.960	.600	22nd	13							1	8	43	10	0	0	0	0	0
Year -	3.8	3.6		60.050	—	—	143							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## BARBADOS (R.E.).

Long. 59° 40' W. Lat. 13° 5' N. Height above Mean Sea Level, 6 feet till 1862, then 15 feet.

1861.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%.	%.	%.
January -	29.987	29.887	77.8	80.0	76.9	71.8	82.0	66.0	10th	83.5	2, 22, 29	.713	.695		74.7	68.6	
February -	.973	.914	80.4	81.2	79.0	74.1	83.8	68.0	6th	85.5	12th	.760	.741		73.1	67.6	
March -	.943	.875	82.2	82.2	80.0	75.0	85.0	74.0	4, 5, 28	87.0	28, 31	.714	.721		64.9	66.4	
April -	.939	.871	82.4	82.9	81.3	76.5	86.0	75.0	4, 8, 23	87.5	23, 25	.868	.843		78.5	78.4	
May -	.931	.883	82.1	82.6	81.5	76.8	86.2	71.5	30th	88.5	18, 19	.833	.827		77.0	75.0	
June -	.972	.944	80.5	80.9	80.3	77.1	83.5	74.0	6th, 29th	85.5	15, 16	.850	.842		82.8	80.9	
July -	.973	.947	81.7	81.3	81.5	78.4	84.6	74.0	1st	85.5	4, 23, 27	.847	.837		78.9	79.8	
August -	.954	.922	81.9	82.7	82.5	79.2	85.7	76.5	14th	87.0	23, 25, 26	.880	.868		81.2	77.6	
September -	.937	.892	82.5	82.5	82.7	79.3	86.0	77.0	11, 12, 14	87.5	1, 5, 29	.891	.884		80.4	80.2	
October -	.887	.832	81.7	81.9	81.7	77.8	85.5	74.5	24th	88.0	9th	.881	.892		81.0	82.1	
November -	.898	.839	81.7	82.2	82.1	79.1	85.1	75.0	14th	88.0	4th	.859	.867		79.7	79.2	
December -	29.926	29.875	79.1	79.5	79.3	76.1	82.4	74.5	30, 31	85.0	11, 18	.795	.792		80.3	78.6	
Year -	29.943	29.890	81.2	81.7	80.8	76.8	84.7	—	—	—	—	.824	.817		77.7	76.2	

## BARBADOS (R.E.).

1862.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.993	29.932	77.0	78.4	77.6	73.9	81.2	69.5	28th	83.0	8th	.755	.718		82.0	74.5	
February -	30.032	.957	78.3	79.3	78.3	74.5	82.0	72.0	8th	84.0	23rd	.680	.646		70.4	64.7	
March -	30.011	29.951	80.4	81.2	80.1	76.8	83.4	74.0	11th	85.5	30th	.731	.712		70.7	67.5	
April -																	
May -																	
June -																	
July -																	
August -																	
September -																	
October -																	
November -																	
December -																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## BARBADOS (A.M.D.).

Height above Mean Sea Level, 15 feet.

1865.	9 a.m.   3 p.m.	9 a.m.   3 p.m.	°	°	°	°	°	°		°		9 a.m.   3 p.m.	in.	in.	9 a.m.   3 p.m.	%
	ins		°	°	°	°	°	°		°		in.			%	%
January -	30.007	81.9	79.1	71.4	86.7	67.0	—	89.0	—	89.0	—	.731	in.		67	
February -	.008	81.3	78.2	69.9	86.4	66.0	—	89.0	—	89.0	—	.699			66	
March -	30.014	82.2	78.7	69.8	87.5	64.0	—	89.5	—	89.5	—	.671			60	
April -	29.976	83.1	80.7	73.6	87.7	71.0	—	90.0	—	90.0	—	.826			74	
May -	29.974	84.9	82.1	75.1	89.0	73.0	—	91.0	—	91.0	—	.879			72	
June -	30.018	83.4	81.0	74.5	87.4	72.0	—	89.5	—	89.5	—	.841			73	
July -	30.010	83.8	81.4	74.7	88.1	73.0	—	92.0	—	92.0	—	.825			71	
August -	29.949	84.1	81.7	74.5	88.9	71.5	—	92.0	—	92.0	—	.849			73	
September -	.946	85.4	81.9	74.8	89.0	72.0	—	90.5	—	90.5	—	.815			67	
October -	.931	83.5	81.0	74.1	87.8	70.5	—	90.5	—	90.5	—	.807			70	
November -	.950	83.6	79.9	72.8	87.0	70.5	—	89.0	—	89.0	—	.775			68	
December -	29.967	82.1	78.9	71.6	86.1	65.0	—	88.0	—	88.0	—	.736			68	
Year -	29.979	83.3	80.4	73.1	87.6	—	—	—	—	—	—	.788			69.1	

## BARBADOS (A.M.D.).

1866.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.058	29.965	80.7	81.1	78.2	71.0	85.4	68.0	25th	88.0	11th	.705	.702		67	67	
February -	.061	.964	80.1	81.0	77.3	69.6	85.0	64.0	27th	87.5	2nd	.619	.629		60	59	
March -	.040	.950	80.9	82.4	78.2	69.8	86.6	62.0	2nd	89.0	28th	.625	.604		59	55	
April -	.038	.949	83.3	83.8	80.4	72.7	88.0	69.5	2nd, 5th	90.5	25th	.632	.637		55	55	
May -	.013	.922	83.4	85.1	81.1	73.8	88.3	71.0	11, 13	91.0	26th	.711	.704		62	58	
June -	.049	.986	84.4	84.8	82.1	75.0	89.2	73.0	27th	91.0	16th	.742	.737		62	61	
July -	30.034	.967	83.4	84.3	80.8	73.7	87.9	71.5	6th, 20th	90.0	6th, 7th	.782	.764		68	65	
August -	29.984	.917	83.6	83.6	80.9	73.6	88.2	69.0	28th	90.0	8th	.814	.796		71	69	
September -	30.010	.914	85.5	85.8	81.5	73.7	89.2	70.5	26th	92.0	28th	.812	.807		66	65	
October -	29.966	.872	84.5	83.9	81.1	73.8	88.3	69.0	5th	92.0	11th	.829	.819		70	70	
November	29.946	.853	83.4	83.9	80.0	72.5	87.5	67.5	18th	90.5	27th	.817	.800		72	69	
December	30.009	29.908	81.7	82.1	79.3	72.4	86.1	69.0	28th	88.0	23rd	.742	.716		69	65	
Year -	30.017	29.931	82.9	83.5	80.1	72.6	87.5	—	—	—	—	.736	.726		65.1	63.2	

Thermometers, 2 feet above ground. Rain-gauge, on or near the the ground.

BARBADOS.

1861.	Amount of Cloud.			Rainfall.			Weather, No. of days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	3.6	3.6		ins. 3.530	ins. .720	26th	16							3	31	28	0	0	0	0	0	0		
February -	3.9	3.1		0.950	.800	19th	4							1	4	46	5	0	0	0	0	0		
March -	3.6	3.5		1.590	.480	22nd	7							0	6	50	6	0	0	0	0	0		
April -	4.2	3.7		1.210	.350	8th	7							0	4	39	15	1	0	1	0	0		
May -	3.8	4.0		6.620	1.860	30th	16							0	4	50	8	0	0	0	0	0		
June -	4.3	4.3		10.200	2.950	6th	21							0	5	37	18	0	0	0	0	0		
July -	3.5	3.7		6.560	.980	14th	19							1	3	52	6	0	0	0	0	0		
August -	3.6	3.2		4.150	1.000	14th	9							0	11	32	16	1	0	1	1	0		
September -	3.3	3.9		9.000	2.400	13th	15							1	5	28	24	0	0	0	2	0		
October -	3.6	4.4		7.190	1.380	4th	12							3	12	40	7	0	0	0	0	0		
November -	3.8	3.3		4.160	1.000	8th	10							0	3	27	30	0	0	0	0	0		
December -	3.1	3.6		7.400	1.640	16th	15							0	27	30	5	0	0	0	0	0		
Year -	3.7	3.7		62.560	—	—	151							9	115	459	140	2	0	2	3	0		

BARBADOS.

1862.				ins.	ins.																	
January -	3.8	3.8		7.120	1.840	26th	22							0	15	47	0	0	0	0	0	0
February -	2.4	2.2		0.790	.200	17th	9							0	9	45	2	0	0	0	0	0
March -	2.3	2.9		0.000	.000	—	0							—	—	—	—	—	—	—	—	—
April -																						
May -																						
June -																						
July -																						
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

BARBADOS.

1865.	9 a.m.   3 p.m.			ins.	ins.																	
January -	1.8			0.830	—	—	11							27	—	32	—	2	—	1	—	0
February -	2.5			1.210	—	—	14							23	—	30	—	3	—	0	—	0
March -	2.6			0.820	—	—	12							31	—	30	—	0	—	1	—	0
April -	4.7			2.090	—	—	15							25	—	33	—	2	—	0	—	0
May -	3.6			3.200	—	—	20							21	—	37	—	4	—	0	—	0
June -	4.5			9.680	—	—	24							26	—	32	—	2	—	0	—	0
July -	3.5			5.990	—	—	23							24	—	34	—	4	—	0	—	0
August -	3.8			8.410	—	—	21							24	—	35	—	2	—	1	—	0
September -	3.1			3.330	—	—	17							18	—	35	—	6	—	1	—	0
October -	4.1			9.410	—	—	21							27	—	33	—	2	—	0	—	0
November -	3.6			3.330	—	—	12							19	—	40	—	1	—	0	—	0
December -	4.3			4.410	—	—	26							29	—	33	—	0	—	0	—	0
Year -	3.5			52.710	—	—	216							294	—	404	—	28	—	4	—	0

BARBADOS.

1866.				ins.	ins.																	
January -	4.1	4.4		2.590	.640	5th	18	0	0	0				0	54	5	3	0	0	0	0	0
February -	4.1	4.4		2.630	.680	6th	19	0	0	0				0	55	1	0	0	0	0	0	0
March -	4.3	3.9		1.340	.300	14th	11	0	0	0				0	54	3	5	0	0	0	0	0
April -	3.2	3.3		0.650	.270	30th	11	0	0	0				0	48	6	6	0	0	0	0	0
May -	3.7	3.2		3.970	1.290	28th	16	0	0	0				0	44	7	11	0	0	0	0	0
June -	3.5	3.5		2.780	1.070	27th	12	0	0	1				0	51	7	2	0	0	0	0	0
July -	4.2	4.6		6.520	1.060	19th	26	0	0	1				0	53	4	5	0	0	0	0	0
August -	3.7	5.3		13.010	2.870	30th	23	0	0	4				0	52	4	6	0	0	0	0	0
September -	2.4	3.5		2.160	.950	7th	14	0	0	2				1	34	18	5	2	0	0	0	0
October -	4.0	4.4		6.640	2.410	5th	22	0	0	5				0	40	15	7	0	0	0	0	0
November -	3.8	3.7		3.420	.880	11th	19	0	0	1				1	43	11	2	3	0	0	0	0
December -	4.2	4.4		4.420	1.000	3rd	18	0	0	1				0	60	1	1	0	0	0	0	0
Year -	3.8	4.1		50.130	—	—	209	0	0	15				2	588	82	53	5	0	0	0	0



## BARBADOS (A.M.D.).

Long. 59° 40' W. Lat. 13° 5' N. Height above Mean Sea Level, 15 feet till August, then 25 feet.

1867.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	30°058	29°948	80°9	82°5	78°1	70°4	85°7	66°0	12th	87°0	11, 30	°667	°651		63	58	
February -	°058	°983	79°9	81°3	78°0	70°6	85°4	62°0	8th	87°0	27th	°689	°680		67	64	
March -	°052	°974	81°2	83°1	78°9	70°7	87°1	65°5	23rd	90°0	26th	°676	°702		65	59	
April -	30°059	°973	83°2	85°2	80°0	72°2	87°7	70°0	13, 14	90°0	15th	°694	°688		61	57	
May -	29°990	°924	85°8	86°6	81°8	74°3	89°3	72°0	30th	91°5	19th	°746	°747		61	58	
June -	30°017	°970	82°5	83°3	81°3	74°1	88°4	70°0	13th	90°5	9th	°778	°809		73	68	
July -	30°030	°981	83°2	84°5	81°1	74°4	87°8	72°1	12th	89°8	21st	°751	°766		66	65	
August -	29°990	°940	83°5	84°7	81°6	74°2	88°9	71°0	26th	90°1	22nd	°798	°781		70	66	
September	30°007	°940	83°5	83°6	80°9	73°8	88°0	70°5	14th	90°0	9th	°806	°779		73	68	
October -	29°965	°886	82°4	83°2	80°3	73°2	87°3	70°8	15th	89°9	26th	°831	°825		75	74	
November	29°979	°908	83°0	83°6	80°5	72°9	88°1	66°4	24th	89°7	12th	°786	°755		67	65	
December	30°017	29°941	81°7	83°4	79°7	72°8	86°5	69°8	8th	88°0	2, 3, 7	°713	°691		66	60	
Year -	30°019	29°947	82°6	83°8	80°2	72°8	87°5	—	—	—	—	°745	°740		67°3	63°5	

## BARBADOS (A.M.D.).

Height above Mean Sea Level, 25 feet till September, then 28 feet.

1868.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°054	29°980	80°1	81°7	78°4	71°2	85°5	68°6	21st	87°0	1st	°689	°666		67	62	
February -	°047	°973	79°5	81°2	78°0	70°3	85°6	64°5	26th	87°8	27th	°670	°677		68	64	
March -	°009	°936	80°7	82°9	78°4	70°0	86°8	62°0	23rd	88°9	20th	°743	°738		70	69	
April -	°060	°991	81°9	83°5	80°1	72°7	87°5	70°0	17th	89°9	16th	°668	°665		60	60	
May -	°044	°983	83°4	84°8	81°1	74°1	88°1	72°0	14th	90°3	15th	°679	°670		60	56	
June -	°057	°991	83°6	85°2	81°9	74°9	88°9	73°0	4th, 15th	90°8	24th	°728	°747		65	61	
July -	°015	°968	83°2	85°4	81°5	74°6	88°4	70°0	10th	91°7	23rd	°763	°716		67	60	
August -	30°012	°960	83°5	85°3	81°6	74°3	88°9	72°2	31st	91°8	5th	°785	°763		70	62	
September -	29°975	°917	85°1	86°8	82°4	74°7	90°1	72°0	6th	92°6	28th	°789	°788		65	63	
October -	°956	°899	84°6	84°2	81°3	73°4	89°2	67°5	26th	91°7	5th	°800	°819		67	69	
November -	29°892	29°820	84°5	86°0	80°7	73°3	88°1	70°0	25, 26	90°5	4th	°792	°785		66	63	
December -	—	—	82°5	84°2	80°0	72°3	87°6	69°4	30th	90°2	5th	°698	°684		65	59	
Year -	—	—	82°7	84°3	80°5	73°0	87°9	—	—	—	—	°734	°727		65°8	62°3	

## BARBADOS (A.M.D.).

Height above Mean Sea Level, 28 feet.

1869.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	80°3	82°5	78°6	71°0	86°2	68°5	29th	87°4	2nd	°666	°662		64	59	
February -	—	—	80°5	82°3	78°2	70°1	86°3	68°0	7th	88°0	14, 26, 27	°647	°665		61	60	
March -	—	—	81°0	83°1	78°4	69°4	87°4	66°8	8th	90°1	26th	°601	°589		56	51	
April -	—	—	83°5	85°0	80°9	73°4	88°4	70°6	16th	90°0	8th, 9th	°702	°726		61	60	
May -	30°058	29°988	83°6	85°3	80°8	73°5	88°1	71°0	31st	90°8	20th	°766	°771		67	63	
June -	°063	30°010	84°0	85°5	81°5	74°4	88°6	71°0	1st	90°5	30th	°785	°772		67	62	
July -	°055	29°999	84°5	86°1	82°1	74°4	89°8	71°0	9th	92°0	29th	°778	°761		65	61	
August -	°013	°938	84°8	85°4	81°4	73°6	89°2	71°6	11th	92°0	9th	°820	°824		68	66	
September -	30°017	°945	85°6	85°6	81°6	73°4	89°7	70°6	14th	93°5	12th	°834	°810		68	64	
October -	29°992	°912	84°9	85°0	81°1	73°6	88°6	68°8	9th	90°5	6th	°814	°812		68	64	
November -	30°000	29°912	83°4	84°3	80°4	73°4	87°3	71°0	26th	89°1	8th	°790	°760		68	63	
December -	—	—	80°3	80°9	77°2	69°2	85°2	63°1	28th	87°3	7th	°723	°704		69	66	
Year -	—	—	83°0	84°3	80°2	72°5	87°9	—	—	—	—	°744	°738		65°2	61°6	

## BARBADOS (A.M.D.).

1870.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	79°3	81°6	77°7	70°7	84°7	68°0	19th	86°5	31st	°677	°659		68	61	
February -	—	—	80°5	82°6	77°7	70°0	85°4	67°0	15th	87°5	28th	°680	°659		67	59	
March -	—	—	81°3	83°6	78°1	69°4	86°8	67°0	5th, 6th	89°5	12th	°671	°654		63	56	
April -	30°033	29°963	82°7	83°8	79°1	71°4	86°8	69°0	3rd	88°4	28th	°706	°707		65	61	
May -	°025	°964	83°8	84°9	80°8	73°0	88°6	71°2	5th	91°0	28th	°734	°723		63	60	
June -	°022	°979	82°2	83°3	80°7	73°1	88°3	70°2	25, 26	90°5	10th	°696	°724		64	64	
July -	30°015	°952	83°6	84°9	80°3	73°0	87°5	70°0	24th	89°5	3rd	°757	°782		66	64	
August -	29°921	29°872	84°3	85°5	80°8	73°0	88°5	70°0	6th	91°0	17th	°841	°826		71	67	
September -	—	—	85°5	86°0	81°4	73°1	89°7	69°0	12th	92°5	23rd	°817	°767		67	61	
October -	—	—	84°2	86°7	80°7	72°7	88°7	70°0	14, 25, 29	91°5	6th	°708	°673		59	55	
November -	29°931	29°860	82°4	83°2	79°4	71°6	87°1	69°0	7th, 10th	89°0	15th	°777	°763		70	67	
December -	29°963	29°876	81°8	83°0	78°3	70°5	86°0	67°3	9th	87°0	3, 9, 20	°729	°716		67	63	
Year -	—	—	82°6	84°1	79°6	71°8	87°3	—	—	—	—	°733	°721		65°8	61°5	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BARBADOS.

1867.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	3.2	2.6		2.840	.770	23rd	18	0	0	0				0	59	3	0	0	0	0	0	0
February -	4.9	4.4		8.230	3.430	16th	19	0	0	0				0	53	1	2	0	0	0	0	0
March -	4.4	4.8		1.600	.910	27th	9	0	0	0				0	47	6	7	0	0	0	2	0
April -	5.4	5.6		1.180	.440	17th	12	0	0	0				0	33	7	20	0	0	0	0	0
May -	5.0	4.7		1.420	.380	30th	10	0	0	0				0	22	8	32	0	0	0	0	0
June -	5.2	6.0		8.720	2.200	27th	22	0	0	1				1	36	8	13	0	0	0	1	1
July -	4.6	5.8		7.260	2.380	1st	22	0	0	1				22	24	6	7	1	0	0	1	1
August -	5.7	6.1		5.740	2.580	27th	18	0	0	3				16	30	10	2	2	1	0	1	0
September	5.6	6.8		9.280	2.200	24th	21	0	0	1				11	22	14	7	6	0	0	0	0
October -	6.1	6.3		24.050	7.800	16th	23	0	0	2				10	17	19	11	2	1	0	2	0
November	4.7	4.9		3.430	.670	5th	14	0	0	0				4	31	18	3	2	0	0	2	0
December	4.1	5.0		2.600	.600	5th	15	0	0	0				10	44	6	2	0	0	0	0	0
Year -	4.9	5.3		76.350	—	—	203	0	0	8				74	418	106	106	13	2	0	9	2

BARBADOS.

1868.				ins.	ins.																	
January -	4.9	5.0		2.620	1.160	6th	13	0	0	0				6	54	2	0	0	0	0	0	0
February -	5.6	5.5		0.950	.260	1st	11	0	0	0				7	46	4	1	0	0	0	0	0
March -	4.4	4.9		0.470	.240	27th	5	0	0	0				2	54	3	3	0	0	0	0	0
April -	5.5	5.5		0.440	.110	12th	9	0	0	0				5	36	10	6	0	1	0	2	0
May -	6.1	4.9		0.320	.030	10, 14	10	0	0	0				7	36	16	3	0	0	0	0	0
June -	5.3	5.2		3.180	.760	11, 16	15	0	0	2				5	44	10	1	0	0	0	0	0
July -	5.7	4.6		5.530	1.980	15th	18	0	0	1				6	35	14	7	0	0	0	0	0
August -	4.9	5.2		6.570	1.300	13th	18	0	0	0				7	44	6	5	0	0	0	0	0
September -	5.2	5.2		2.900	1.520	4th	10	0	0	1				4	30	7	19	0	0	0	0	0
October -	6.0	6.5		11.740	3.850	10th	23	0	0	3				3	26	12	21	0	0	0	0	0
November -	5.0	4.8		4.700	2.000	10th	14	0	0	0				0	37	19	4	0	0	0	0	0
December -	4.2	5.0		1.090	.740	31st	11	0	0	1				0	43	14	5	0	0	0	0	0
Year -	5.2	5.2		40.510	—	—	157	0	0	8				52	485	117	75	0	1	0	2	0

BARBADOS.

1869.				ins.	ins.																	
January -	4.7	5.2		1.080	.350	12th	19	0	0	0				0	56	4	2	0	0	0	0	0
February -	4.9	4.2		1.680	.790	28th	11	0	0	0				0	36	6	14	0	0	0	0	0
March -	4.4	4.4		0.530	.240	12th	8	0	0	0				0	49	5	8	0	0	0	0	0
April -	5.1	5.1		5.360	3.400	28th	11	0	0	0				0	32	14	14	0	0	0	0	0
May -	5.0	5.2		1.980	.630	26th	15	0	0	0				0	29	0	24	0	0	0	0	0
June -	5.9	5.8		3.370	.790	6th	20	0	0	0				0	53	3	4	0	0	0	0	0
July -	5.0	5.4		4.120	1.440	23rd	19	0	0	4				0	50	10	2	0	0	0	0	0
August -	5.0	5.6		6.670	2.900	12th	17	0	0	4				0	40	14	8	0	0	0	0	0
September -	4.4	5.7		6.480	2.120	14th	15	0	0	5				0	30	3	25	2	0	0	0	0
October -	4.2	5.1		6.300	1.500	2nd	19	0	0	2				0	38	9	15	0	0	0	0	0
November -	4.3	4.8		3.190	.740	18th	22	0	0	2				0	49	3	8	0	0	0	0	0
December -	4.4	5.3		4.960	1.430	2nd	20	0	0	2				12	47	3	0	0	0	0	0	0
Year -	4.8	5.2		45.720	—	—	196	0	0	19				12	509	83	124	2	0	0	0	0

BARBADOS.

1870.				ins.	ins.																	
January -	3.9	4.2		2.850	.500	6th	24	0	0	0				0	62	0	0	0	0	0	0	0
February -	3.8	4.9		0.840	.150	15th	15	0	0	0				0	56	0	0	0	0	0	0	0
March -	4.0	4.3		0.510	.130	7, 21	9	0	0	0				0	61	0	1	0	0	0	0	0
April -	4.1	4.9		0.450	.130	18, 22	11	0	0	0				0	47	7	6	0	0	0	0	0
May -	3.3	3.7		1.670	.340	5th	16	0	0	0				0	60	0	2	0	0	0	0	0
June -	5.0	5.0		6.040	1.500	25th	18	0	0	0				0	58	0	2	0	0	0	0	0
July -	3.9	4.3		4.330	.920	11th	23	0	0	0				0	61	0	1	0	0	0	0	0
August -	3.2	4.0		4.300	1.050	6th	18	0	0	3				0	41	5	16	0	0	0	0	0
September -	2.4	4.8		3.150	.690	17th	19	0	0	9				0	36	10	14	0	0	0	0	0
October -	4.2	5.2		6.530	1.090	23rd	19	0	0	3				0	21	7	34	0	0	0	0	0
November -	3.7	4.2		9.190	1.850	26th	21	0	0	3				0	40	17	3	0	0	0	0	0
December -	3.5	4.1		2.330	.670	1st	17	0	0	0				0	62	0	0	0	0	0	0	0
Year -	3.8	4.5		42.190	—	—	210	0	0	18				0	605	46	79	0	0	0	0	0

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## BARBADOS (A.M.D.).

Long. 59° 40' W. Lat. 13° 5' N. Height above Mean Sea Level, 28 feet.

1871.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	30°006	29°917	79°6	82°3	78°0	70°7	85°3	69°0	29th	87°0	9, 11, 18	714	684		71	62		
February -	058	996	79°1	81°5	77°0	69°0	85°0	66°0	21st	86°5	7, 19, 31	634	634		64	58		
March -	053	970	81°4	83°2	78°3	70°1	86°4	68°0	22nd	89°0	30th	632	640		59	56		
April -	026	950	83°3	84°5	79°7	71°5	87°9	69°5	10, 25	90°0	12th	661	643		58	54		
May -	031	959	83°7	85°8	82°2	75°5	88°8	73°0	11th	90°5	27th	687	676		59	55		
June -	040	986	83°8	85°4	82°5	76°3	88°7	73°0	9th, 10th	90°5	18, 21, 24	738	711		63	59		
July -	30°015	958	84°0	85°1	82°2	75°4	89°0	73°5	28th	91°0	25th	760	736		65	61		
August -	29°977	915	84°2	85°3	82°6	76°6	88°5	73°0	26th	92°5	20th	823	817		70	67		
September	983	913	84°5	85°0	82°0	75°7	88°2	74°5	15, 17	90°0	24, 28	810	799		68	66		
October -	965	880	83°6	84°0	81°5	75°1	87°8	73°0	14, 15	89°5	10th	788	790		69	68		
November	29°960	874	83°1	84°1	80°6	74°2	87°0	71°0	27th	90°0	10th	757	750		67	64		
December	30°043	29°962	81°2	83°0	79°7	73°1	86°2	70°5	29th	88°5	3rd, 6th	704	676		66	59		
Year -	30°015	29°940	82°6	84°1	80°5	73°6	87°4	—	—	—	—	726	713		65°0	60°8		

## BARBADOS (A.M.D.).

1872.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°047	29°965	79°8	81°9	78°8	72°4	85°2	69°5	17th	86°5	19, 23, 30	674	659	674	66	61	61
February -	053	970	80°0	82°8	78°6	71°8	85°3	70°0	11, 12	88°5	4th	674	653	674	65	58	58
March -	052	974	81°1	83°5	79°6	72°5	86°6	69°5	27th	88°5	26th	629	618	629	59	53	53
April -	031	956	81°9	83°5	79°6	72°2	87°0	67°5	6th	89°6	2nd	625	633	625	57	54	54
May -	040	29°975	83°2	85°2	81°7	74°8	88°6	72°5	8th	90°6	19th	689	672	689	60	55	55
June -	053	30°006	83°3	84°3	82°2	75°9	88°4	72°6	17th	90°0	20th	733	710	733	64	59	59
July -	30°047	29°997	83°8	85°6	81°9	75°2	88°5	73°0	9th	91°2	23, 27	738	732	738	63	59	59
August -	29°990	935	84°6	85°9	82°4	75°9	88°9	74°0	1st, 2nd	91°2	12th	778	757	778	65	60	60
September -	987	922	84°9	86°3	82°5	75°6	89°3	68°0	9th	93°2	3rd	787	739	787	64	60	60
October -	963	885	84°7	85°4	81°9	75°1	88°7	72°6	23rd	91°0	14, 29	803	797	803	67	65	65
November -	29°942	855	81°8	83°2	80°3	74°2	86°3	71°6	20th	89°0	1st	788	763	788	73	67	67
December -	30°006	29°925	80°3	81°6	78°8	72°6	84°9	69°8	31st	86°5	3rd	723	691	723	70	64	64
Year	30°018	29°947	82°5	84°1	80°7	74°0	87°3	—	—	—	—	720	704	—	64°4	59°6	—

## BARBADOS (A.M.D.).

1873.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°027	29°946	78°9	80°1	77°3	71°2	83°4	68°8	26th	85°4	21st	675	665	675	68	65	65
February -	087	30°001	78°5	80°7	77°0	69°5	84°4	67°8	11th	87°0	22nd	624	605	624	64	57	57
March -	069	29°988	80°1	82°4	78°2	70°7	85°6	68°3	3rd	87°0	27th	584	581	584	57	53	53
April -	056	980	82°0	83°6	79°5	72°3	86°6	69°8	3rd	89°0	28th	635	628	635	58	54	54
May -	032	29°971	82°5	84°3	80°4	73°6	87°1	71°5	28th	88°5	11, 12	670	664	670	60	56	56
June -	055	30°007	82°9	84°8	81°6	75°1	88°1	73°0	8th	89°8	24th	715	689	715	63	57	57
July -	039	29°988	82°8	84°9	81°1	74°6	87°5	71°0	3rd	91°0	31st	758	739	758	68	61	61
August -	30°015	959	84°2	86°1	82°5	75°3	89°7	72°2	11th	93°8	16th	774	749	774	65	60	60
September -	29°987	917	83°9	84°3	81°4	74°8	87°9	71°2	11, 12	91°0	2nd, 5th	805	804	805	69	68	68
October -	29°976	895	83°0	83°6	80°9	74°5	87°2	70°8	27th	89°9	14th	810	797	810	72	70	70
November -	30°022	936	82°4	83°7	80°1	73°2	86°9	71°3	28th	88°5	26th	706	679	706	63	58	58
December -	30°004	29°927	81°5	83°4	79°6	72°2	86°9	69°0	5th, 12th	89°0	20th	684	652	684	64	57	57
Year	30°031	29°960	81°9	83°5	80°0	73°1	86°8	—	—	—	—	703	688	—	64°3	59°7	—

## BARBADOS (A.M.D.).

Long. 59° 40' W., Lat. 13° 5' N. till August; then Long. 59° 38' W. Lat. 13° 6' N.

1874.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°011	29°934	79°5	82°4	78°2	70°9	85°4	64°0	27th	88°5	9th	670	660	670	66	59	59
February -	30°055	29°977	80°8	82°5	78°6	71°7	85°5	68°2	15th	87°1	3rd	640	628	640	61	56	56
March -	—	—	81°9	83°2	79°0	71°3	86°7	65°0	2nd	89°8	5th	652	648	652	60	56	56
April -	—	—	82°6	83°8	80°4	72°8	88°0	63°0	1st	89°8	29th	660	674	660	59	58	58
May -	—	—	83°6	84°2	81°0	74°2	87°8	72°2	9th	90°0	15th	704	704	704	61	60	60
June -	—	—	83°4	84°3	81°6	75°1	88°1	72°6	7th	90°0	6th	718	722	718	62	61	61
July -	—	—	82°9	83°2	80°7	74°4	87°0	71°2	22nd	89°6	5th	809	785	809	72	69	69
August -	—	—	83°7	83°5	80°8	74°0	87°6	70°6	15th	90°0	15th	813	807	813	70	70	70
September -	—	—	83°4	84°2	81°1	74°2	88°0	71°2	2nd	90°0	11, 16, 29	818	832	818	71	71	71
October -	—	—	83°3	83°5	81°0	74°0	88°0	70°6	5th	90°0	7th	805	820	805	71	72	72
November -	—	—	83°0	83°5	80°4	72°8	88°0	67°0	21st	90°0	20th	745	755	745	66	66	66
December -	—	—	81°4	82°4	79°3	71°8	86°8	67°0	3rd	88°4	13th	686	676	686	64	61	61
Year	—	—	82°5	83°4	80°2	73°1	87°2	—	—	—	—	727	726	—	65°3	63°3	—

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BARBADOS.

1871.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ius.	ins.																		
January -	4.7	4.8		3.730	.550	13th	22	0	0	0				0	62	0	0	0	0	0	0	0	
February -	3.6	4.8		1.570	.330	1st	15	0	0	0				0	56	0	0	0	0	0	0	0	
March	3.7	4.2		0.480	.200	17th	8	0	0	0				0	40	22	0	0	0	0	0	0	
April -	4.0	4.2		0.490	.220	21st	8	0	0	0				0	39	21	0	0	0	0	0	0	
May -	4.2	3.8		0.740	.240	26th	9	0	0	0				0	38	23	1	0	0	0	0	0	
June -	4.9	5.4		2.590	1.100	9th	16	0	0	2				0	49	9	2	0	0	0	0	0	
July -	5.1	5.4		2.870	.910	28th	21	0	0	1				0	51	8	3	0	0	0	0	0	
August -	5.8	5.9		6.360	2.000	26th	25	0	0	4				0	36	9	16	0	1	0	0	0	
September	6.2	6.2		5.740	1.020	9th	20	0	0	6				0	34	16	10	0	0	0	0	0	
October -	6.1	6.1		4.450	.920	15th	20	0	0	2				0	23	12	27	0	0	0	0	0	
November	5.4	4.9		3.080	1.030	12th	19	0	0	0				0	40	6	14	0	0	0	0	0	
December	5.0	5.5		3.050	.620	29th	21	0	0	0				0	51	11	0	0	0	0	0	0	
Year -	4.9	5.1		35.150	—	—	204	0	0	15				0	519	137	73	0	1	0	0	0	

BARBADOS.

				ins.	ins.																	
1872.																						
January -	5.2	5.2		1.590	.450	13th	14	0	0	0				0	62	0	0	0	0	0	0	0
February -	4.8	4.0		2.080	.420	11th	15	0	0	0				0	19	2	37	0	0	0	0	0
March -	4.8	4.8		0.660	.160	21st	12	0	0	0				0	51	5	6	0	0	0	0	0
April -	5.0	4.7		1.090	.700	8th	8	0	0	0				0	37	22	1	0	0	0	0	0
May -	5.2	5.1		1.070	.250	8th	15	0	0	0				0	36	23	3	0	0	0	0	0
June -	5.6	6.3		2.960	1.470	22nd	17	0	0	1				0	46	4	10	0	0	0	0	0
July -	4.5	4.8		3.380	1.750	9th	18	0	0	1				0	38	15	8	0	0	0	0	1
August -	5.1	5.3		3.550	.560	13th	23	0	0	4				0	51	10	1	0	0	0	0	0
September -	4.7	4.4		11.380	6.070	10th	18	0	0	4				0	35	3	22	0	0	0	0	0
October -	5.0	5.5		5.310	1.600	17th	13	0	0	5				0	21	6	35	0	0	0	0	0
November -	5.7	5.7		9.180	1.550	20th	28	0	0	2				0	50	4	4	0	0	0	0	2
December -	5.4	5.5		6.440	2.860	31st	28	0	0	1				0	54	6	2	0	0	0	0	0
Year -	5.1	5.1		48.690	—	—	209	0	0	18				0	500	100	129	0	0	0	0	3

BARBADOS.

				ins.	ins.																	
1873.																						
January -	5.2	5.5		3.220	.380	24th	24	0	0	0				0	60	0	2	0	0	0	0	0
February -	5.6	5.2		1.210	.240	10th	17	0	0	0				0	53	3	0	0	0	0	0	0
March -	5.1	4.7		0.760	.200	23rd	17	0	0	0				0	55	7	0	0	0	0	0	0
April -	5.1	5.1		1.160	.600	12th	11	0	0	0				0	42	13	5	0	0	0	0	0
May -	5.4	4.7		4.020	1.600	29th	19	0	0	0				0	37	24	1	0	0	0	0	0
June -	5.6	5.7		1.670	.620	19th	17	0	0	1				0	58	0	2	0	0	0	0	0
July -	5.9	5.4		4.740	.880	2nd	23	0	0	0				0	60	2	0	0	0	0	0	0
August -	5.3	5.4		2.210	.820	27th	16	0	0	8				0	45	4	13	0	0	0	0	0
September -	5.5	6.0		8.420	2.200	12th	25	0	0	3				0	39	3	18	0	0	0	0	0
October -	5.9	6.1		9.640	3.350	27th	25	0	0	4				0	30	8	24	0	0	0	0	0
November -	4.8	4.9		1.830	.540	2nd	14	0	0	0				0	48	6	6	0	0	0	0	0
December -	4.5	5.1		1.480	.360	8th	17	0	0	0				0	62	0	0	0	0	0	0	0
Year -	5.3	5.3		40.360	—	—	225	0	0	16				0	589	70	71	0	0	0	0	0

Height, 31 feet from September 1st, 1874.

BARBADOS.

				ins.	ins.																	
1874.																						
January -	5.2	5.6		4.130	1.880	7th	18	0	0	0				14	48	0	0	0	0	0	0	0
February -	5.0	5.2		0.610	.190	26th	10	0	0	0				0	52	2	0	0	0	0	0	2
March -	5.5	5.9		2.600	1.250	20th	13	0	0	0				0	54	4	2	0	0	0	0	2
April -	6.5	6.6		1.850	.990	23rd	14	0	0	0				0	58	0	2	0	0	0	0	0
May -	6.2	6.2		1.280	.380	8th	12	0	0	0				0	48	0	14	0	0	0	0	0
June -	7.5	7.0		5.520	2.400	25th	18	0	0	2				2	57	0	0	0	0	0	0	1
July -	7.0	6.8		5.490	.850	11th	25	0	0	4				0	58	4	0	0	0	0	0	0
August -	7.0	6.9		7.260	1.290	17th	21	0	0	5				0	38	2	20	0	0	0	0	2
September -	6.4	6.9		12.980	3.750	8th	22	0	0	4				0	42	4	8	0	0	0	0	6
October -	6.6	6.9		6.720	1.600	14th	25	0	0	3				0	28	10	22	0	0	0	0	2
November -	5.8	5.7		2.940	1.080	15th	16	0	0	2				0	46	4	7	0	0	0	0	3
December -	6.3	5.5		2.510	.410	31st	18	0	0	4				0	60	0	2	0	0	0	0	0
Year -	6.3	6.3		53.890	—	—	212	0	0	24				16	589	30	77	0	0	0	0	18



## BARBADOS (A.M.D.).

Long. 59° 38' W. Lat. 13° 6' N. Height above Mean Sea Level, 31 feet.

1875.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	—	—	79° 0	79° 8	77° 4	70° 3	84° 5	68° 4	17th	86° 0	1, 5, 19	°688	°693		69	68	
February -	—	—	78° 6	79° 9	77° 0	69° 5	84° 5	67° 0	28th	85° 4	13th	°624	°638		63	61	
March -	—	—	79° 6	81° 0	77° 3	69° 2	85° 4	64° 0	5th	87° 0	17th	°629	°604		62	56	
April -	30° 066	30° 001	81° 2	81° 6	78° 7	70° 8	86° 5	69° 0	1st	89° 0	8, 15, 25	°661	°678		61	62	
May -	°063	°001	83° 2	83° 7	80° 5	73° 0	88° 0	71° 0	1, 4, 11	90° 0	3rd	°665	°644		58	56	
June -	°070	°017	83° 7	84° 7	81° 8	74° 5	89° 1	71° 0	30th	91° 0	6th, 25th	°716	°697		62	59	
July -	°060	30° 005	84° 1	84° 8	81° 8	74° 7	88° 9	71° 0	23rd	93° 0	12th	°763	°768		65	64	
August -	°033	29° 972	84° 2	84° 6	81° 4	74° 5	88° 3	70° 0	20th	93° 0	19th	°802	°773		69	65	
September	°021	°948	83° 2	83° 3	80° 9	74° 0	87° 8	72° 0	3, 5, 23	92° 0	4th	°804	°828		71	72	
October -	°026	°947	82° 5	82° 4	80° 3	73° 6	87° 0	72° 0	16, 17	89° 6	26th	°819	°788		73	71	
November	°011	°923	82° 7	81° 8	79° 4	72° 9	85° 9	68° 8	30th	87° 8	23rd	°738	°726		67	67	
December	30° 000	29° 924	80° 7	81° 1	78° 4	72° 5	84° 2	67° 0	18th	87° 0	14th	°738	°733		71	71	
Year -	—	—	81° 9	82° 4	79° 6	72° 5	86° 7	—	—	—	—	°721	°714		65° 9	64° 3	

## BARBADOS (A.M.D.).

1876.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30° 041	29° 955	79° 1	79° 3	77° 5	72° 2	82° 8	64° 0	16th	86° 0	7th	°689	°681		70	68	
February -	°099	30° 022	79° 5	79° 6	77° 7	71° 2	84° 1	65° 0	13th	86° 0	26, 27	°627	°627		63	63	
March -	°040	29° 966	80° 2	81° 0	78° 5	72° 1	84° 9	68° 0	7, 9, 24	87° 0	20th	°641	°639		61	60	
April -	°049	°988	82° 0	83° 1	79° 6	73° 2	86° 0	70° 0	23rd	88° 0	3rd	°694	°699		63	61	
May -	°030	29° 976	82° 9	82° 9	80° 3	75° 0	85° 6	71° 5	8th	89° 0	29th	°739	°738		65	67	
June -	°063	30° 008	82° 6	83° 7	81° 4	76° 6	86° 1	71° 0	11th	89° 0	19th	°758	°772		68	66	
July -	°050	30° 008	82° 1	82° 3	80° 7	75° 6	85° 7	70° 0	4th	87° 6	27th	°780	°790		72	72	
August -	30° 021	29° 994	83° 3	84° 7	81° 1	74° 4	87° 8	72° 0	1, 10, 28	90° 0	30th	°813	°825		71	69	
September -	29° 986	°934	83° 3	84° 0	81° 1	74° 0	88° 1	70° 0	30th	93° 0	11th	°790	°797		69	68	
October -	°979	°940	82° 5	83° 7	80° 3	74° 0	86° 5	72° 0	10, 21, 23	87° 5	23rd	°817	°819		74	70	
November -	29° 974	°937	83° 2	84° 5	80° 8	74° 6	87° 0	73° 0	2nd	89° 5	7th	°816	°842		71	71	
December -	30° 012	29° 934	82° 5	83° 9	80° 0	73° 3	86° 6	71° 5	1st	88° 0	3rd	°743	°751		66	63	
Year -	30° 029	29° 972	81° 9	82° 7	79° 9	73° 9	85° 9	—	—	—	—	°742	°750		67° 8	66° 5	

## BARBADOS (A.M.D.).

1877.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30° 074	30° 022	79° 7	81° 7	78° 6	72° 5	84° 7	70° 3	17th	88° 0	4th	°714	°699	in.	70	64	
February -	°050	°019	81° 3	82° 0	79° 1	72° 4	85° 7	70° 0	6th	87° 5	23, 26	°673	°682		63	62	
March -	°045	°002	81° 0	80° 6	79° 3	72° 7	85° 8	70° 0	14th	88° 0	9th	°725	°680		60	65	
April -	°019	30° 003	83° 9	84° 2	81° 7	74° 9	88° 4	73° 0	4th, 16th	92° 0	23rd	°806	°783		68	66	
May -	°026	29° 941	83° 9	83° 3	82° 2	75° 7	88° 6	72° 5	5th	90° 0	2nd	°786	°793		67	69	
June -	°050	°966	81° 6	82° 0	81° 0	75° 4	86° 6	73° 0	8th	90° 0	2nd	°810	°787		74	72	
July -	°043	°954	82° 7	82° 8	80° 4	74° 4	86° 3	71° 0	29th	88° 0	31st	°845	°824		75	74	
August -	30° 031	°965	84° 4	85° 1	81° 6	75° 1	88° 0	74° 0	10, 12, 31	90° 0	23, 24, 31	°804	°784		67	64	
September -	29° 973	°908	83° 8	83° 7	82° 1	75° 5	88° 6	73° 0	4th	91° 0	1st	°831	°824		72	71	
October -	°964	°909	84° 2	84° 5	82° 4	75° 8	89° 0	74° 0	18, 27	91° 0	11, 13, 16	°833	°838		71	70	
November -	°953	°892	83° 4	82° 9	82° 0	75° 0	88° 9	72° 5	10th	90° 0	6, 26, 28	°816	°833		71	74	
December -	29° 989	29° 912	81° 8	81° 1	80° 4	73° 8	87° 0	70° 0	11, 12	89° 0	1st	°808	°823		75	77	
Year -	30° 018	29° 958	82° 6	82° 8	80° 9	74° 4	87° 3	—	—	—	—	°788	°779		70° 2	69° 0	

## BARBADOS (A.M.D.).

1878.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30° 046	29° 980	81° 0	81° 6	79° 8	73° 9	85° 6	71° 0	25th	87° 0	1, 8, 30	°758	°746	in.	72	70	
February -	°068	°993	82° 6	83° 6	80° 7	74° 3	87° 1	72° 0	7th	88° 0	25th	°748	°729		68	63	
March -	30° 052	°980	83° 4	84° 1	81° 6	75° 1	88° 0	69° 0	1st	89° 5	17th	°739	°732		64	62	
April -	29° 999	°926	84° 6	84° 5	82° 4	76° 2	88° 6	70° 0	25th	90° 0	7th	°741	°710		63	59	
May -	30° 031	29° 968	84° 7	84° 6	82° 4	77° 1	87° 7	75° 0	27th	92° 0	2nd	°813	°796		67	67	
June -	°047	30° 020	84° 2	83° 9	82° 4	77° 0	87° 7	75° 0	3rd	89° 0	9, 27, 30	°826	°830		70	71	
July -	°024	29° 971	84° 5	84° 2	82° 1	76° 4	87° 7	75° 0	6, 20, 23	89° 0	21, 27, 31	°829	°809		70	69	
August -	30° 044	°988	84° 3	84° 2	81° 6	75° 5	87° 6	74° 0	7, 17, 27	90° 0	31st	°838	°834		70	71	
September -	29° 990	°913	85° 0	85° 1	82° 3	76° 8	87° 8	73° 5	8th	90° 0	15, 16	°822	°852		70	70	
October -	°950	°877	85° 0	85° 1	82° 2	76° 2	88° 1	73° 0	13th	93° 0	16th	°854	°849		70	70	
November -	°956	°888	82° 6	83° 4	81° 1	75° 0	87° 1	71° 0	27th	88° 5	1st	°867	°872		78	74	
December -	29° 994	29° 927	81° 8	82° 8	80° 5	75° 0	86° 0	72° 0	17th	88° 0	3rd, 4th	°782	°847		73	75	
Year -	30° 017	29° 953	83° 6	83° 9	81° 6	75° 7	87° 4	—	—	—	—	°806	°801		69° 6	68° 4	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BARBADOS.

1875.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	6.2	6.4		4.690	.820	5th	26	0	0	0				0	62	0	0	0	0	0	0	0	
February -	5.3	6.0		1.320	.130	6, 7	20	0	0	0				0	56	0	0	0	0	0	0	0	
March -	6.3	5.8		0.820	.220	1st	12	0	0	0				0	62	0	0	0	0	0	0	0	
April -	5.1	3.9		1.160	.300	10th	12	0	0	0				0	53	0	7	0	0	0	0	0	
May -	5.2	5.4		0.590	.290	17th	5	0	0	0				0	56	4	2	0	0	0	0	0	
June -	5.7	5.1		2.140	.820	29th	13	0	0	0				0	44	12	4	0	0	0	0	0	
July -	6.0	5.9		3.040	.400	25, 30	22	0	0	3				0	48	12	2	0	0	0	0	0	
August -	5.8	5.7		4.900	.720	23rd	19	0	0	0				0	24	18	16	0	0	0	0	4	
September	5.9	6.8		18.310	11.750	9th	21	0	0	8				0	40	13	3	0	2	2	0	0	
October -	7.0	6.7		7.390	1.920	21st	14	0	0	2				0	42	4	14	0	0	0	0	2	
November	5.1	5.4		1.910	.780	30th	11	0	0	0				0	49	2	8	0	0	0	0	1	
December	5.0	5.6		4.280	1.960	1st	19	0	0	2				0	42	5	15	0	0	0	0	0	
Year -	5.7	5.7		50.550	—	—	194	0	0	15				0	578	70	71	0	2	2	0	7	

NOTE.—The max. rainfall for September 1875 is from gauge 35 feet high, the ground being flooded 2 feet 9 inches deep.

BARBADOS.

				ins.	ins.																	
1876.																						
January -	5.6	6.0		3.190	1.420	7th	15	0	0	0				0	32	11	19	0	0	0	0	0
February -	4.7	4.4		0.810	.180	5, 28	11	0	0	0				0	51	7	0	0	0	0	0	0
March -	6.0	5.1		1.700	.670	2nd	10	0	0	0				0	52	8	2	0	0	0	0	0
April -	5.6	5.8		0.900	.250	18th	8	0	0	0				0	55	1	4	0	0	0	0	0
May -	8.3	7.6		2.260	.450	10th	14	0	0	0				1	43	2	16	0	0	0	0	0
June -	7.3	7.1		4.140	1.450	11th	13	0	0	1				0	51	2	7	0	0	0	0	0
July -	6.8	6.9		7.310	2.500	5th	21	0	0	2				0	45	14	3	0	0	0	0	0
August -	6.3	6.5		2.700	1.300	3rd	7	0	0	1				0	43	6	12	0	1	0	0	0
September	6.8	7.6		11.910	3.500	24th	17	0	0	1				0	52	3	5	0	0	0	0	0
October -	6.2	6.8		10.200	3.250	10th	14	0	0	1				0	49	4	9	0	0	0	0	0
November	5.3	6.2		2.450	.600	20th	8	0	0	4				0	50	2	8	0	0	0	0	0
December	6.3	6.1		3.040	.650	7th	13	0	0	2				0	54	2	6	0	0	0	0	0
Year -	6.3	6.3		50.610	—	—	151	0	0	12				1	577	62	91	0	1	0	0	0

BARBADOS.

				ins.	ins.																	
1877.																						
January -	6.1	5.7		3.850	.800	8th	15	0	0	0				0	58	3	1	0	0	0	0	0
February -	5.8	5.6		0.000	.000	—	0	0	0	0				2	48	2	4	0	0	0	0	0
March -	5.9	4.7		3.220	.750	17th	10	0	0	0				2	59	1	0	0	0	0	0	0
April -	4.5	3.5		0.100	.100	2nd	1	0	0	0				0	49	11	0	0	0	0	0	0
May -	4.8	3.7		4.200	1.220	2nd	12	0	0	0				0	52	10	0	0	0	0	0	0
June -	5.8	4.6		11.710	3.600	22nd	14	0	0	0				0	57	3	0	0	0	0	0	0
July -	4.6	3.5		7.200	1.500	4th	17	0	0	4				0	60	2	0	0	0	0	0	0
August -	3.9	3.2		2.800	.700	17th	8	0	0	0				0	61	0	0	0	0	0	1	0
September	4.2	3.3		8.980	3.700	4th	13	0	0	0				2	48	8	2	0	0	0	0	0
October -	4.1	3.3		3.510	.650	15th	12	0	0	0				1	48	13	0	0	0	0	0	0
November	3.7	2.9		7.380	2.050	9th	13	0	0	1				10	40	10	0	0	0	0	0	0
December	3.3	3.2		3.040	1.050	12th	7	0	0	0				18	24	20	0	0	0	0	0	0
Year -	4.7	3.9		55.990	—	—	122	0	0	5				35	604	83	7	0	0	0	1	0

BARBADOS.

				ins.	ins.																	
1878.																						
January -	4.1	4.1		2.200	.350	7th	16							8	42	10	2	0	0	0	0	0
February -	3.5	3.2		0.040	.020	2, 6	2							4	44	0	6	0	0	0	0	0
March -	4.1	3.3		0.410	.190	4th	4							4	54	4	0	0	0	0	0	0
April -	3.5	3.1		1.560	1.340	24th	2							0	56	4	0	0	0	0	0	0
May -	4.2	3.4		7.530	2.740	26th	12							0	36	24	2	0	0	0	0	0
June -	4.4	3.4		2.650	.870	21st	15							4	42	12	2	0	0	0	0	0
July -	4.5	3.6		5.720	.850	22nd	20							0	38	12	12	0	0	0	0	0
August -	4.0	3.8		9.000	2.600	5th	20							0	48	6	8	0	0	0	0	0
September	3.9	4.3		9.590	3.000	1st	18							2	16	20	16	4	2	0	0	0
October -	3.7	4.5		7.170	1.500	18th	21							0	42	2	16	0	2	0	0	0
November	4.5	4.8		6.890	2.060	26th	21							4	42	8	4	0	2	0	0	0
December	3.3	3.3		3.111	2.120	7th	10							0	56	6	0	0	0	0	0	0
Year -	4.0	3.7		55.871	—	—	161							26	516	108	68	4	6	2	0	0



## BARBADOS (A.M.D.).

Long. 59° 38' W., Lat. 13° 6' N. for January; then Long. 59° 40' W. Lat. 13° 8' N. Height above

1879.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins. 30°·024	ins. 29°·967	80°·5	82°·4	80°·1	74°·5	85°·6	72°·0	12th	87°·5	8th	·733	·783		70	70		
February -	·010 ·935	·935	81°·0	83°·0	80°·2	75°·0	85°·4	72°·5	9th	87°·0	5, 10, 11	·822	·849		78	75		
March -	·006 ·931	·931	82°·0	83°·8	80°·2	74°·4	85°·9	70°·0	7th, 8th	89°·0	17th	·824	·840		75	73		
April -	30°·006 ·944	·944	84°·6	86°·2	82°·5	76°·7	88°·2	74°·5	5th	91°·0	22nd	·772	·819		64	64		
May -	29°·999 ·933	·933	84°·7	86°·4	82°·5	76°·8	88°·1	73°·5	6th	89°·5	5, 17, 27	·787	·809		65	63		
June -	30°·020 ·964	·964	83°·7	85°·2	82°·2	76°·8	87°·5	74°·0	10, 25	92°·0	8th	·820	·842		71	69		
July -	30°·009 ·948	·948	83°·3	85°·7	81°·2	74°·9	87°·5	72°·0	13th	89°·5	27th	·809	·831		71	67		
August -	29°·976 ·911	·911	83°·9	85°·9	82°·2	76°·6	87°·8	72°·0	14th	91°·0	9th	·841	·827		72	65		
September	30°·005 ·935	·935	84°·2	86°·1	82°·6	77°·4	87°·8	75°·0	24, 25	89°·5	17th	·837	·810		71	64		
October -	29°·999 ·926	·926	83°·4	85°·7	81°·9	76°·4	87°·3	73°·0	7th	89°·0	1st	·820	·823		71	65		
November	·941 ·875	·875	82°·9	84°·3	81°·6	76°·7	86°·4	73°·0	29th	89°·5	1st	·785	·838		69	71		
December	29°·983 29°·931	29°·931	81°·1	83°·2	79°·3	73°·9	84°·6	71°·0	5th	86°·5	3, 8, 10	·722	·823		68	72		
Year -	29°·998	29°·933	82°·9	84°·8	81°·3	75°·8	86°·8	—	—	—	—	·798	·825		70°·4	68°·2		

## BARBADOS (A.M.D.).

1880.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.952	29.876	78.6	81.9	78.5	73.6	83.3	69.0	25, 26	85.0	1, 12, 28	.738	.807		75	74	
February -	30.032	.957	78.0	82.3	78.7	74.0	83.4	71.0	18th	85.0	21, 26	.688	.826		71	75	
March -	.043	.963	80.5	83.7	80.3	75.6	85.0	71.5	14th	87.0	3, 22, 31	.658	.827		63	71	
April -	.057	.978	81.4	85.2	81.6	76.7	86.4	72.0	2nd	88.5	7th	.696	.826		64	67	
May -	.022	.948	84.0	86.0	82.4	77.4	87.4	74.0	2nd	89.0	15, 16, 21	.732	.806		62	64	
June -	.059	.996	83.0	84.6	81.8	77.1	86.4	73.0	30th	89.0	8th	.778	.828		69	70	
July -	30.053	.999	82.6	82.7	80.8	77.1	84.4	74.0	15th	87.0	19th	.796	.842		72	75	
August -	29.990	.932	82.7	83.3	81.3	77.3	85.3	73.5	25th	89.0	31st	.825	.845		74	74	
September -	30.018	.953	83.1	84.0	81.5	76.8	86.1	73.0	3rd	92.0	28th	.813	.851		72	73	
October -	.001	.927	83.3	84.5	81.7	76.6	86.7	73.0	10, 18	89.5	7th	.801	.825		70	69	
November -	.001	.931	82.3	83.1	80.3	75.6	85.0	72.0	10th	92.5	14th	.748	.851		68	76	
December -	30.040	29.968	81.3	83.0	80.3	75.7	84.8	72.0	8, 16, 27	87.0	7th, 18th	.713	.816		67	72	
Year -	30.022	29.952	81.7	83.7	80.8	76.1	85.4	—	—	—	—	.749	.829		68.9	71.7	

## BARBADOS (A.M.D.).

1881.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.066	29.995	81.0	83.0	79.9	75.7	84.0	70.0	18th	88.0	17th	.677	.804		64	71	
February -	.012	.932	80.6	84.0	80.2	74.5	85.9	67.5	14th	89.0	13, 23, 27	.684	.801		65	68	
March -	.032	.951	83.2	86.2	82.9	77.6	88.1	72.0	11, 17	93.0	20th	.696	.793		60	62	
April -	30.039	.970	83.9	85.6	83.0	78.4	87.5	74.0	14th	94.0	4th	.689	.803		58	65	
May -	29.971	.903	85.0	87.6	84.7	79.6	89.8	76.0	7th	95.0	18th	.782	.791		64	60	
June -	30.015	29.960	84.5	85.5	83.0	78.9	87.1	76.0	29th	91.0	3rd	.807	.825		68	67	
July -																	
August -																	
September -																	
October -																	
November -																	
December -																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Observations omitted, in consequence of the epidemic of yellow fever.

## BARBADOS (A.M.D.).

1882.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.070	29.993	80.2	83.0	80.5	75.7	85.3	71.0	15th	88.0	1st	.684	.773		65	68	
February -	.084	30.006	80.0	83.2	80.9	76.1	85.6	71.0	11th	87.0	7, 13, 27	.700	.801		68	70	
March -	.067	29.993	81.2	83.6	82.1	77.6	86.5	73.0	5th	89.5	24th	.688	.803		64	70	
April -	.046	.975	82.2	84.7	82.4	78.5	86.2	73.0	6th	88.0	12th	.710	.808		64	67	
May -	30.040	29.968	83.7	86.0	83.3	78.6	88.0	74.0	12th	90.0	24th	.728	.831		62	64	
June -																	
July -	30.082	30.024	82.5	84.1	82.3	77.9	86.7	74.0	31st	88.5	26th	.810	.834		73	72	
August -	.047	29.986	83.7	85.0	82.9	78.3	87.4	74.0	10th	89.8	30th	.819	.821		71	67	
September -	30.014	.952	85.0	85.6	83.5	78.3	88.6	74.0	9th, 26th	93.0	23rd	.800	.809		66	66	
October -	29.990	.915	83.2	84.4	82.4	77.5	87.2	73.0	31st	89.0	7, 21, 23	.800	.836		70	70	
November -	29.966	.888	82.3	82.9	81.6	77.1	86.0	71.0	14th	88.0	3rd, 11th	.803	.867		73	77	
December -	30.024 <sup>5</sup>	29.948 <sup>5</sup>	81.8 <sup>5</sup>	83.0 <sup>5</sup>	81.8 <sup>5</sup>	78.0 <sup>5</sup>	85.5 <sup>5</sup>	76.0	27th	87.0	1, 9, 15	.742 <sup>5</sup>	.833 <sup>5</sup>		69 <sup>5</sup>	74 <sup>5</sup>	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Mean Sea Level, 31 feet. Thermometers, 7 feet above ground. Rain-gauge, on or near the ground.

BARBADOS.

1879.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	3°0	2°7		ins.	ins.	8th	21							0	58	2	2	0	0	0	0	0	
February -	3°4	2°7		2°910	°750	13th	13							0	44	12	0	0	0	0	0	0	
March -	3°2	3°1		2°170	°750	22nd	12							2	50	10	0	0	0	0	0	0	
April -	2°8	2°5		0°540	°150	30th	8							0	50	8	2	0	0	0	0	0	
May -	3°7	3°1		2°020	°750	19th	10							0	30	2	30	0	0	0	0	0	
June -	4°5	4°2		8°380	1°690	9th	21							0	46	2	12	0	0	0	0	0	
July -	4°3	3°1		4°350	1°140	16th	24							1	51	4	6	0	0	0	0	0	
August -	4°4	3°9		14°240	9°570	13th	16							0	42	4	12	0	2	0	2	0	
September	4°4	3°2		2°670	°720	9th	13							0	46	5	9	0	0	0	0	0	
October -	4°4	3°5		4°910	°750	4, 22	17							1	36	7	18	0	0	0	0	0	
November	4°1	4°4		15°470	6°560	15th	19							3	49	5	2	0	0	0	1	0	
December	3°3	2°7		2°400	°380	24th	18							2	56	1	3	0	0	0	0	0	
Year -	3°8	3°3		62°570	—	—	192							9	558	62	96	0	2	0	3	0	

BARBADOS.

1880.				ins.	ins.																	
January -	5°4	3°4		5°770	2°040	14th	19							1	58	3	0	0	0	0	0	0
February -	5°6	3°1		3°410	°620	17th	21							2	53	0	0	0	0	0	3	0
March -	4°3	2°8		1°620	°300	8th	15							0	49	1	6	0	0	0	6	0
April -	5°1	3°6		3°180	1°050	23rd	17							0	55	2	3	0	0	0	0	0
May -	4°0	3°6		2°050	°500	27th	15							0	60	2	0	0	0	0	0	0
June -	5°3	4°6		5°940	1°320	28th	21							0	54	1	5	0	0	0	0	0
July -	4°7	3°8		6°700	2°010	14th	24							1	55	4	2	0	0	0	0	0
August -	4°6	3°7		9°690	2°540	15th	22							3	46	2	10	0	0	0	1	0
September -	4°8	4°5		10°920	2°420	2nd	22							0	47	3	9	0	0	0	1	0
October -	4°4	3°2		3°190	°900	15th	17							0	53	2	7	0	0	0	0	0
November -	4°6	3°9		6°770	1°650	16th	21							0	57	0	3	0	0	0	0	0
December -	3°7	3°2		1°530	°430	10th	16							0	57	0	5	0	0	0	0	0
Year -	4°7	3°6		60°770	—	—	230							7	644	20	50	0	0	0	11	0

BARBADOS.

1881.				ins.	ins.																	
January -	3°9	3°0		0°440	°150	29th	8							0	62	0	0	0	0	0	0	0
February -	4°3	3°2		1°310	°360	8th	11							0	39	0	4	2	0	0	11	0
March -	3°4	3°0		0°200	°140	16th	4							0	49	0	13	0	0	0	0	0
April -	5°4	3°7		2°680	1°020	26th	15							0	60	0	0	0	0	0	0	0
May -	5°0	3°4		0°950	°250	12th	14							0	51	0	11	0	0	0	0	0
June -	5°2	4°2		7°110	2°620	13th	22							0	60	0	0	0	0	0	0	0
July -																						
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

Observations omitted, in consequence of the epidemic of yellow fever.

BARBADOS.

1882.				ins.	ins.																	
January -	3°4	3°0		1°640	°200	4th	22							0	62	0	0	0	0	0	0	0
February -	4°5	3°1		1°360	°280	12th	16							0	56	0	0	0	0	0	0	0
March -	3°8	3°3		2°740	2°520	29th	5							0	62	0	0	0	0	0	0	0
April -	3°5	3°0		1°220	°380	14th	6							0	60	0	0	0	0	0	0	0
May -	4°2	3°0		2°660	1°440	31st	12							0	62	0	0	0	0	0	0	0
June -																						
July -	3°5	3°5		5°040	1°410	30th	21							0	62	0	0	0	0	0	0	0
August -	3°5	3°4		3°460	°960	9th	19							0	48	2	12	0	0	0	0	0
September -	4°1	3°6		4°420	2°450	25th	13							0	29	5	25	0	0	1	0	0
October -	4°2	4°6		8°450	1°650	14th	17							0	42	0	20	0	0	0	0	0
November -	4°4	4°6		8°160	2°370	10th	22							0	50	0	10	0	0	0	0	0
December -	3°6 <sup>s</sup>	2°8 <sup>s</sup>		2°900	°690	16th	17							0	60	2	0	0	0	0	0	0
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## BARBADOS (A.M.D.).

Long. 59° 40' W. Lat. 13° 8' N. Height above Mean Sea Level, 31 feet.

1883.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	30°084	30°010	80°2	81°8	80°3	76°2	84°3	72°0	24th	86°0	9, 11, 17	711	835		68	77	
February -	063	29°982	80°0	82°0	79°7	75°5	83°8	66°0	20th	85°0	17, 18, 19	701	824		68	75	
March -	062	987	81°1	82°6	80°7	76°9	84°5	72°0	14, 30	86°0	7, 20, 27	673	837		64	74	
April -	046	975	82°2	84°7	80°8	75°2	86°4	73°0	6th, 7th	88°0	12th	710	808		64	67	
May -	022	948	84°0	86°0	82°4	77°4	87°4	74°0	2nd	89°0	15, 21, 22	732	806		62	64	
June -	059	29°996	83°0	84°6	81°8	77°1	86°4	73°0	30th	89°0	8th	778	828		69	70	
July -	30°082	30°024	82°5	84°1	82°3	77°9	86°7	74°0	31st	88°5	26th	810	834		73	72	
August -	29°990	29°932	82°7	83°3	81°3	77°3	85°3	73°5	25th	89°0	31st	825	845		74	74	
September	29°996	946	82°3	83°3	81°3	77°5	85°0	72°0	11th	87°5	24th	774	791		70	70	
October -	30°001	927	83°3	84°5	81°7	76°6	86°7	73°0	10, 18	89°5	7th	801	825		70	69	
November	001	931	82°3	83°1	80°3	75°6	85°0	72°0	10th	92°5	14th	747	851		68	73	
December	30°066	29°995	81°0	83°0	79°9	75°7	84°0	70°0	18th	88°0	17th	677	804		64	71	
Year -	30°039	29°971	82°1	83°6	81°1	76°6	85°5	—	—	—	—	745	824		67·8	71·3	

## BARBADOS (A.M.D.).

1884.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°062	29°987	80°9	82°6	80°7	76°8	84°5	70°0	30th	86°0	7, 20, 28	674	840		64	75	
February -	029	974	79°8	82°9	79°5	73°5	85°4	65°0	20th	89°0	26th	677	708		66	62	
March -	30°002	941	80°0	83°5	79°4	74°3	84°5	70°0	27th	94°5	11th	710	737		68	63	
April -	29°981	925	81°7	83°5	80°8	76°5	85°0	73°0	14th	89°0	25th	738	739		68	64	
May -	982	912	82°2	83°7	82°5	77°8	87°1	74°5	22nd	89°0	3, 17, 31	767	810		70	69	
June -	975	922	82°9	85°0	82°7	78°3	87°0	75°0	15th	90°0	8th	779	813		69	67	
July -	982	943	82°5	85°0	83°7	79°7	87°7	76°0	21, 30	91°0	27, 31	785	813		71	67	
August -	973	921	83°7	85°4	83°3	78°6	87°9	76°0	9, 18, 24	91°0	30th	763	809		70	66	
September -	982	934	83°8	84°2	80°4	75°1	85°6	72°0	1st, 11th	89°0	21st	807	804		69	68	
October -	29°964	887	82°3	82°8	81°5	77°1	85°9	71°0	27th	88°0	16, 24	806	866		73	77	
November -	30°010	29°950	84°9	85°6	83°6	78°6	88°6	74°0	10, 22	93°0	7th	800	809		66	66	
December -	30°084	30°013	80°2	81°8	80°3	76°2	84°3	72°0	24th	86°0	9, 11, 17	712	835		68	77	
Year -	30°002	29°942	82°1	83°8	81°5	76°9	86°1	—	—	—	—	752	799		68·5	68·4	

## BARBADOS (A.M.D.).

1885.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°065	29°987	80°9	82°6	80°8	77°0	84°5	70°0	15th	86°0	7, 17, 27	670	840		63	76	
February -	30°066	29°991	81°4	83°5	82°3	77°7	86°9	73°0	15th	89°5	7th, 27th	708	796		65	69	
March -	—	—	81°8	83°3	80°7	75°0	86°4	71°0	9th	89°0	23, 28	689	693		63	59	
April -	—	—	82°2	82°9	—	—	85°7	—	—	90°0	11th	704	706		63	60	
May -	—	—	83°0	85°0	—	—	87°4	—	—	90°0	11th	736	718		64	59	
June -	—	—	83°3	84°6	—	—	87°5	—	—	90°0	21, 23, 24	766	740		66	62	
July -	—	—	83°9	84°7	—	—	88°2	—	—	90°0	3rd, 9th	756	759		63	63	
August -	—	—	84°1	84°8	—	—	87°0	—	—	91°0	11th	802	793		68	65	
September -	—	—	84°0	84°5	—	—	86°0	—	—	90°0	28th	836	810		71	68	
October -	—	—	85°2	85°8	—	—	89°2	—	—	92°0	23rd	792	797		53	64	
November -	—	—	84°1	84°6	—	—	87°2	—	—	90°0	27th	872	855		74	70	
December -	—	—	82°5	84°0	—	—	86°1	—	—	88°0	3rd, 6th	797	769		69	63	
Year -	—	—	83°0	84°2	—	—	86°8	—	—	—	—	761	773		66·0	64·8	

## BARBADOS (A.M.D.).

1886.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	81°7	82°5	—	—	83°3	—	—	84°0	1, 11, 31	797	795		72	71	
February -	—	—	81°1	81°4	—	—	—	—	—	—	—	715	738		66	68	
March -	—	—	83°0	84°3	—	—	—	—	—	—	—	699	714		60	59	
April -	—	—	83°6	84°9	80°2	73°9	86°4	64°0	1st	90°0	24th	751	727		64	60	
May -	—	—	84°2	85°6	83°1	78°6	87°5	73°0	4th	90°0	27th	786	759		65	61	
June -	—	—	84°8	85°9	83°8	80°3	87°3	73°0	1st	90°0	10th	801	777		66	61	
July -	29°971	29°930	82°6	83°5	81°3	76°5	86°1	70°0	8th	89°0	28, 30	845	807		75	69	
August -	938	894	83°1	84°5	82°4	78°0	86°7	73°0	20th	89°0	28th	853	855		75	71	
September -	938	875	83°4	84°2	83°2	79°4	86°9	72°0	8th	89°0	13, 22, 25	872	876		75	73	
October -	916	863	83°2	83°5	82°6	79°0	86°1	72°0	3rd, 20th	91°0	8th	880	868		76	74	
November -	960	889	81°1	81°8	—	—	—	—	—	—	—	896	901		84	81	
December -	29°974	29°897	81°0	81°9	—	—	—	—	—	—	—	740	774		70	70	
Year -	—	—	82°7	83°7	—	—	—	—	—	—	—	803	799		70·7	68·2	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

BARBADOS.

1883.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	3.8	3.1		6.400	2.850	29th	19							0	62	0	0	0	0	0	0	0	
February -	3.8	3.1		2.430	.530	9th	21							0	56	0	0	0	0	0	0	0	
March -	3.9	2.6		0.790	.190	12th	10							0	61	1	0	0	0	0	0	0	
April -	3.5	3.0		1.670	.380	14th	8							0	60	0	0	0	0	0	0	0	
May -	4.0	3.6		2.050	.500	27th	15							0	60	2	0	0	0	0	0	0	
June -	5.3	4.6		5.940	1.320	28th	21							0	54	1	5	0	0	0	0	0	
July -	3.5	3.5		5.040	1.410	30th	21							0	62	0	0	0	0	0	0	0	
August -	4.6	3.7		9.690	2.540	15th	22							3	46	2	10	0	0	0	1	0	
September	3.9	4.2		2.140	1.020	5th	11							2	54	0	2	0	0	0	2	0	
October -	4.4	3.2		3.190	.920	15th	17							0	53	2	7	0	0	0	0	0	
November	4.6	3.9		6.770	1.650	16, 18	21							0	57	0	3	0	0	0	0	0	
December	3.9	3.0		0.440	.150	29th	8							0	62	0	0	0	0	0	0	0	
Year -	4.1	3.5		46.550	—	—	194							5	687	8	27	0	0	0	3	0	

BARBADOS.

				ins.	ins.																	
1884.				ins.	ins.																	
January -	3.9	2.6		0.990	.200	9th	10	0	0	0				0	62	0	0	0	0	0	0	0
February -	3.9	3.8		1.080	.340	8th	12	0	0	0				0	32	26	0	0	0	0	0	0
March -	3.7	3.1		1.890	.440	28th	18	0	0	0				0	40	21	1	0	0	0	0	0
April -	2.6	2.5		1.210	.610	15th	4	0	0	0				0	36	24	0	0	0	0	0	0
May -	4.0	3.2		2.480	.470	12th	19	0	0	0				0	23	31	8	0	0	0	0	0
June -	3.6	2.5		2.380	.730	15th	15	0	0	0				0	10	17	33	0	0	0	0	0
July -	2.7	2.6		2.000	.620	6th	14	0	0	2				0	19	43	0	0	0	0	0	0
August -	2.2	2.3		2.990	.980	24th	20	0	0	2				0	30	24	8	0	0	0	0	0
September -	3.9	3.3		2.940	.640	11th	20	0	0	3				0	16	10	34	0	0	0	0	0
October -	4.3	4.5		7.970	2.370	23rd	22	0	0	2				0	52	0	10	0	0	0	0	0
November -	4.0	3.9		6.340	1.790	9th	19	0	0	2				0	30	19	11	0	0	0	0	0
December -	3.8	3.1		5.400	1.740	30th	20	0	0	0				0	56	6	0	0	0	0	0	0
Year -	3.6	3.1		37.670	—	—	193	0	0	11				0	406	221	105	0	0	0	0	0

BARBADOS.

				ins.	ins.																	
1885.				ins.	ins.																	
January -	3.3	2.6		1.030	.200	9th	11	0	0	0				0	34	28	0	0	0	0	0	0
February -	3.4	3.3		2.170	1.020	23rd	10	0	0	0				0	25	31	0	0	0	0	0	0
March -	4.6	4.3		0.970	.220	3rd	9	0	0	0				0	57	5	0	0	0	0	0	0
April -	3.9	3.0		0.920	.200	1, 16	11	0	0	0				0	58	2	0	0	0	0	0	0
May -	3.9	3.7		2.900	.930	31st	13	0	0	0				0	54	8	0	0	0	0	0	0
June -	4.4	4.4		1.370	.220	7th	26	0	0	0				0	60	0	0	0	0	0	0	0
July -	4.4	4.9		3.720	.450	5th	25	0	0	5				0	62	0	0	0	0	0	0	0
August -	5.0	5.1		4.710	.640	18th	25	0	0	4				0	58	4	0	0	0	0	0	0
September -	5.5	5.0		4.450	.800	12th	15	0	0	1				0	60	0	0	0	0	0	0	0
October -	4.5	4.5		3.360	.800	14, 15	18	0	0	3				8	52	2	0	0	0	0	0	0
November -	4.1	4.3		6.940	.650	17th	24	0	0	0				0	50	0	0	0	8	0	2	0
December -	3.6	2.8		1.710	.500	1, 2, 3	9	0	0	0				0	60	0	0	0	0	0	2	0
Year -	4.2	4.0		34.250	—	—	196	0	0	13				8	630	80	0	0	8	0	4	0

BARBADOS.

				ins.	ins.																	
1886.				ins.	ins.																	
January -	2.4	2.2		0.250	.150	4th	2	0	0	2				6	56	0	0	0	0	0	0	0
February -	2.5	3.1		1.320	.430	10th	10	0	0	0				0	50	6	0	0	0	0	0	0
March -	3.8	3.3		1.310	1.000	31st	11	0	0	0				0	58	4	0	0	0	0	0	0
April -	3.5	4.4		0.800	.180	25th	10	0	0	0				0	42	6	12	0	0	0	0	0
May -	5.1	3.8		2.510	.300	15th	22	0	0	0				0	36	8	18	0	0	0	0	0
June -	4.3	5.4		3.170	.600	25th	17	0	0	3				0	60	0	0	0	0	0	0	0
July -	5.2	5.5		11.950	2.350	9th	26	0	0	3				0	40	0	0	0	0	0	22	0
August -	5.2	5.0		15.190	3.150	15th	24	0	0	4				2	42	6	6	6	0	0	0	0
September -	4.8	4.5		8.840	2.530	27th	28	0	0	7				0	27	24	5	2	0	2	0	0
October -	4.6	4.5		10.010	3.200	11th	18	0	0	2				0	30	16	10	2	2	2	0	0
November -	4.5	4.6		10.620	2.200	7th	19	0	0	1				2	36	12	6	2	0	0	0	2
December -	3.2	3.0		1.970	.500	19th	9	0	0	0				0	54	6	2	0	0	0	0	0
Year -	4.1	4.1		67.940	—	—	196	0	0	22				10	531	88	59	12	2	4	22	2



## BATHURST, RIVER GAMBIA (A.M.D.).

Long. 16° 36' W. Lat. 13° 24' N. Height above Mean Sea Level, 6 feet.

1869.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.	71.2	81.7	75.0	61.9	88.1	56.0	24th	97.0	30th	in.	in.	in.	%	%	%
February -	—	—	75.4	85.4	79.5	62.6	96.4	57.0	3rd, 5th	104.0	5th	.615	.795		80	73	
March -	—	—	74.2	79.3	76.7	64.3	89.1	60.0	5th, 6th	101.0	3rd	.494	.639		56	53	
April -	—	—	76.8	82.1	78.5	65.4	91.6	60.0	13th	110.0	7th	.500	.510		62	51	
May -	—	—	79.7	84.4	80.0	68.0	92.0	64.0	13th	101.0	31st	.537	.547		59	50	
June -	—	—	84.4	88.4	—	—	96.5	—	—	105.0	2nd	.636	.580		62	49	
July -	—	—	82.2	84.1	—	—	92.0	—	—	100.0	7th	.798	.790		67	59	
August -	—	—	80.5	82.5	—	—	88.7	—	—	94.0	13th	.826	.834		75	72	
September -	—	—	82.0	84.0	—	—	92.2	—	—	97.0	14, 15	.839	.834		81	75	
October -	—	—	87.7	88.4	—	—	94.9	—	—	101.0	28, 31	.768	.803		70	69	
November -	—	—	83.9	84.3	—	—	96.1	—	—	101.0	1, 2, 9	.915	.926		70	69	
December -	—	—	82.9	84.9	—	—	—	—	—	94.0	31st	.792	.777		68	66	
Year -	—	—	80.1	84.1	—	—	—	—	—	—	—	.702	.733		67.6	62.4	

## SIERRA LEONE (R. N. Lawson).

Long. 13° 9' W. Lat. 8° 30' N. Height above Mean Sea Level, 395 feet.

1847.	9 a.m.	3 p.m.	9 p.m.														
Jan.	ins.	ins.	ins.	o	o	o	o	o	o	o	o	in.	in.	in.	%	%	%
Feb.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mar.	29.542	29.447	29.504	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	.576	.482	.546	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	.575	.503	.561	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June	.598	.535	.583	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	.625	.562	.608	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aug.	.633	.572	.615	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sept.	.600	.525	.585	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oct.	29.611	29.527	29.599	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nov.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dec.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## SIERRA LEONE (R. N. Lawson).

1848.	ins.	ins.	ins.														
Jan.	—	—	—	o	o	o	o	o	o	o	o	in.	in.	in.	%	%	%
Feb.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mar.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	29.551	29.459	29.536	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	.559	.488	.548	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June	.648	.586	.630	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	.639	.582	.626	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aug.	.643	.580	.629	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sept.	.616	.541	.600	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oct.	.585	.499	.571	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nov.	.575	.488	.561	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dec.	29.549	29.458	29.542	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## SIERRA LEONE (R. N. Lawson).

1849.	9 a.m.	3 p.m.	Mean Temp.														
January -	29.564	29.467	78.1	81.7	78.4	75.4	o	o	—	—	—	in.	in.	in.	%	%	%
February -	.559	.458	79.3	83.2	79.4	76.0	—	—	—	—	—	.788	.749		82	69	
March -	.555	.466	80.6	83.9	79.9	76.1	—	—	—	—	—	.774	.728		77	64	
April -	.566	.486	79.7	82.3	78.6	74.6	—	—	—	—	—	.774	.721		74	62	
May -	.564	.498	80.2	82.5	79.0	74.7	—	—	—	—	—	.764	.766		75	69	
June -	.609	.544	79.0	81.7	77.8	73.1	—	—	—	—	—	.807	.834		78	75	
July -	.637	.572	76.8	78.5	75.7	72.2	—	—	—	—	—	.818	.832		83	77	
August -	.630	.564	76.1	77.9	75.3	72.4	—	—	—	—	—	.785	.779		85	80	
September -	.633	.550	77.1	78.7	75.9	72.5	—	—	—	—	—	.785	.782		87	82	
October -	.585	.501	78.2	81.2	77.6	74.0	—	—	—	—	—	.804	.804		86	82	
November -	.548	.463	79.0	82.0	78.5	74.5	—	—	—	—	—	.829	.848		86	80	
December -	29.543	29.452	79.0	82.5	79.0	75.3	—	—	—	—	—	.823	.832		83	76	
Year -	29.583	29.502	78.6	81.3	77.9	74.2	—	—	—	—	—	.766	.746		77	67	
Year -	—	—	—	—	—	—	—	—	—	—	—	.793	.785		81.1	73.6	





## SIERRA LEONE (R. N. Lawson).

Long. 13° 9' W. Lat. 8° 30' N. Height above Mean Sea Level, 395 feet.

1850.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean Temp.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.	°	°	°	°	°	°	—	—	—	in.	in.	in.	%	%	%	
January -	29.552	29.456	77.5	82.5	78.5	74.8	—	—	—	—	—	.718	.687		76	62		
February -	.576	.478	79.8	83.6	79.9	76.4	—	—	—	—	—	.801	.744		79	65		
March -	.565	.474	80.9	83.5	80.0	76.1	—	—	—	—	—	.796	.772		76	67		
April -	.587	.500	80.7	83.0	79.6	75.3	—	—	—	—	—	.801	.812		77	72		
May -	.559	.497	80.1	82.8	79.1	75.0	—	—	—	—	—	.815	.843		79	75		
June -	.617	.553	79.7	81.5	78.3	74.6	—	—	—	—	—	.840	.834		83	78		
July -	.643	.580	76.4	78.6	75.6	72.6	—	—	—	—	—	.790	.790		87	81		
August -	.644	.579	76.1	78.1	75.4	72.4	—	—	—	—	—	.779	.769		86	80		
September -	.628	.549	77.7	79.7	76.5	72.7	—	—	—	—	—	.810	.818		85	81		
October -	.574	.480	77.3	79.4	76.7	73.4	—	—	—	—	—	.820	.829		88	83		
November -	.570	.479	78.6	81.9	78.4	74.8	—	—	—	—	—	.826	.857		85	79		
December -	29.566	29.475	78.9	82.6	79.1	75.6	—	—	—	—	—	.756	.723		77	65		
Year -	29.590	29.508	78.6	81.4	78.1	74.5	—	—	—	—	—	.796	.790		81.5	74.0		

## SIERRA LEONE (R. N. Lawson).

1851.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.584	29.484	77.5	83.2	78.6	74.1	—	—	—	—	—	.596	.529		63	47	
February -	.571	.478	79.6	82.8	79.1	75.5	—	—	—	—	—	.764	.777		76	69	
March -	.570	.479	80.1	83.0	79.6	76.0	—	—	—	—	—	.782	.759		76	67	
April -	.557	.474	81.3	83.4	80.1	76.1	—	—	—	—	—	.799	.799		75	70	
May -	.561	.497	80.7	82.5	79.4	75.6	—	—	—	—	—	.810	.807		77	72	
June -	.625	.562	78.2	80.4	77.1	73.5	—	—	—	—	—	.799	.818		83	79	
July -	.634	.570	77.7	78.8	76.3	73.2	—	—	—	—	—	.788	.799		83	81	
August -	.653	.593	76.4	78.3	75.6	72.8	—	—	—	—	—	.774	.785		85	81	
September -	.617	.530	75.9	79.3	76.0	72.7	—	—	—	—	—	.812	.823		91	82	
October -	.589	.501	77.4	80.0	76.8	73.2	—	—	—	—	—	.812	.832		86	81	
November -	.556	.465	78.7	81.4	78.0	74.1	—	—	—	—	—	.818	.834		83	78	
December -	29.591	29.503	78.1	81.3	78.1	75.0	—	—	—	—	—	.741	.726		77	68	
Year -	29.592	29.511	78.5	81.2	77.9	74.3	—	—	—	—	—	.775	.774		79.6	72.9	

## SIERRA LEONE (A.M.D.).

Long. 13° 9' W. Lat. 8° 30' N. Height above Mean Sea Level, 224 feet.

1874.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	—	—	81.0	83.2	79.7	72.0	87.4	68.0	2nd	91.0	20th	.888	.949		84	84	
November -	—	—	80.9	83.4	80.6	73.0	88.2	69.0	17th	92.0	17, 29, 30	.915	.934		87	81	
December -	—	—	81.2	84.1	80.9	73.8	88.0	68.5	16th	90.5	12, 13	.897	.966		84	83	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## SIERRA LEONE (A.M.D.).

1875.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	80.2	83.5	80.4	72.3	88.5	65.0	19th	96.0	17th	.821	.938		80	82	
February -	—	—	82.6	86.9	82.3	74.0	90.6	70.0	8th	94.0	24th	.847	.921		76	72	
March -	—	—	83.8	86.6	82.5	74.0	91.0	71.0	2nd, 26th	98.0	5th, 6th	.866	.845		75	66	
April -	—	—	83.0	88.5	83.2	74.4	91.9	72.0	12, 13	97.0	1st	.899	.937		79	69	
May -	—	—	82.7	86.6	81.8	73.1	90.5	68.0	6th, 12th	94.0	7th, 27th	.911	.968		81	76	
June -	—	—	81.4	84.5	80.6	72.6	88.5	67.0	29th	96.0	2nd, 3rd	.870	.929		81	78	
July -	—	—	77.9	78.3	77.2	70.3	84.0	68.0	18th	90.0	5th, 14th	.753	.786		79	81	
August -	—	—	77.9	78.3	76.7	69.8	83.6	68.0	1st, 18th	88.0	12th	.712	.736		74	76	
September -	—	—	79.4	81.1	78.2	70.0	86.3	67.0	21st	90.0	11th	.723	.794		72	75	
October -	—	—	81.4	85.7	80.1	70.3	89.9	67.0	7th	97.0	19th	.828	.919		77	75	
November -	—	—	82.4 <sup>9</sup>	85.0 <sup>9</sup>	80.0 <sup>9</sup>	70.7 <sup>9</sup>	89.3 <sup>9</sup>	67.0	30th	95.0	15th	.852 <sup>9</sup>	.920 <sup>9</sup>		76 <sup>9</sup>	75 <sup>9</sup>	
December -	—	—	82.1	84.8	80.4	71.5	89.3	67.0	18th	92.0	5th	.862	.901		78	75	
Year -	—	—	81.2	84.2	80.3	71.9	88.6	—	—	—	—	.829	.883		77.3	75.0	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 25 feet above ground. Rain-gauge, 2 feet above ground.

SIERRA LEONE.

1850.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	2.8	3.0		0.000	—	—	0				0		0											
February -	2.1	2.0		0.000	—	—	0				0		0											
March -	3.7	3.4		1.360	—	—	1				0		3											
April -	5.3	5.3		6.560	—	—	8				3		6											
May -	7.0	7.0		8.920	—	—	20				5		3											
June -	6.8	7.8		10.930	—	—	18				3		1											
July -	8.5	7.9		12.540	—	—	20				0		0											
August -	8.9	8.0		29.330	—	—	23				2		1											
September -	6.7	5.6		35.660	—	—	22				3		3											
October -	7.1	5.8		19.090	—	—	20				1		1											
November -	5.7	4.5		5.740	—	—	8				3		1											
December -	3.1	4.6		0.170	—	—	1				0		0											
Year -	5.6	5.4		160.300	—	—	141				20		19											

SIERRA LEONE.

				ins.	ins.																		
1851.				ins.	ins.																		
January -	1.8	0.8		0.000	—	—	0			1			0										
February -	3.3	2.7		0.000	—	—	0			0			0										
March -	3.4	2.6		1.200	—	—	2			0			2										
April -	5.1	4.5		5.030	—	—	4			4			2										
May -	6.1	5.2		5.670	—	—	7			1			4										
June -	7.4	6.6		16.440	—	—	17			2			6										
July -	7.6	7.6		15.050	—	—	19			4			0										
August -	9.0	8.7		21.330	—	—	24			—			1										
September -	8.7	7.6		19.360	—	—	22			—			4										
October -	6.2	6.5		9.820	—	—	20			1			4										
November -	5.2	5.5		4.990	—	—	9			6			9										
December -	4.7	4.7		0.270	—	—	1			1			1										
Year -	5.7	5.3		99.160	—	—	125			—			33										

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

SIERRA LEONE.

				ins.	ins.																		
1874.				ins.	ins.																		
January -																							
February -																							
March -																							
April -																							
May -																							
June -																							
July -																							
August -																							
September -																							
October -	4.3	4.5		9.780	1.500	6th	24	0	0	10			0	0	0	10	6	11	33	1	1		
November -	6.3	6.7		0.250	.230	1st	2	0	0	11			2	1	12	3	0	4	32	3	3		
December -	5.7	5.6		0.080	.080	16th	1	0	0	8			3	6	15	7	0	0	14	9	8		
Year -	—	—		—	—	—	—	—	—	—			—	—	—	—	—	—	—	—	—		

SIERRA LEONE.

				ins.	ins.																		
1875.				ins.	ins.																		
January -	6.1	4.8		0.000	.000	—	0	0	0	0			5	7	25	2	0	0	15	8	0		
February -	6.8	6.2		0.140	.100	22nd	2	0	0	4			12	8	6	1	0	0	20	6	3		
March -	7.3	6.7		0.120	.120	20th	1	0	0	2			31	5	3	0	0	0	13	10	0		
April -	7.3	6.4		2.000	1.100	13th	3	0	0	3			31	3	3	0	0	0	18	4	1		
May -	7.2	6.9		6.770	1.830	4th	13	0	0	6			30	3	18	0	0	0	7	2	2		
June -	7.0	7.2		17.970	3.500	28th	23	0	0	4			23	1	10	0	0	0	16	4	6		
July -	7.9	7.7		32.770	3.760	30th	27	0	0	3			15	1	4	0	0	0	37	0	5		
August -	7.9	7.7		24.450	4.130	2nd	25	0	0	2			12	0	4	0	0	2	43	0	1		
September -	7.3	7.2		18.310	6.920	1st	19	0	0	7			17	0	13	0	0	0	27	0	3		
October -	6.8	6.3		12.730	4.320	9th	16	0	0	4			17	1	22	0	0	1	17	1	3		
November -	6.2	6.1		5.400	1.450	19th	9	0	0	3			27	1	13	2	0	0	15	0	2		
December -	6.3	6.2		1.180	.720	14th	3	0	0	6			31	7	14	0	0	0	8	0	2		
Year -	7.0	6.6		121.840	—	—	141	0	0	46			251	37	135	5	0	3	236	35	28		



## SIERRA LEONE (A.M.D.).

Long. 13° 9' W. Lat. 8° 30' N. Height above Mean Sea Level, 224 feet.

1876.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	82°0	86°6	81°5	72°1	90°9	67°0	2nd	95°0	11th	857	876		78	69	
February -	—	—	82°4	86°1	81°6	72°0	91°1	70°0	9th, 15th	98°0	10th	825	854		74	69	
March -	—	—	83°9	89°0	83°4	73°8	93°0	68°0	23rd	97°0	24th	881	883		76	65	
April -	—	—	83°9	87°9	83°6	73°6	93°6	67°0	25th	96°0	7th, 12th	923	925		80	70	
May -	—	—	83°3	85°7	81°8	71°4	92°2	66°0	21st	97°0	5th	914	963		80	78	
June -	—	—	83°4	85°6	81°6	71°9	91°2	67°0	14th	96°0	4th, 6th	914	982		78	80	
July -	—	—	79°4	79°9	77°7	69°0	86°3	64°0	10th	97°0	3rd	820	833		82	82	
August -	—	—	78°9	79°6	76°2	68°7	83°6	66°0	23rd	90°0	20th	808	836		82	83	
September	—	—	80°0	81°1	76°7	68°5	84°9	65°0	13th	92°0	30th	834	874		81	82	
October -	—	—	81°2	82°6	78°3	68°5	88°0	64°0	31st	94°0	4th	877	949		82	85	
November	—	—	80°8	83°9	78°3	67°6	89°0	63°0	3rd	92°0	13, 21	824	939		78	81	
December	—	—	82°0	84°9	79°4	69°3	89°5	67°0	5th, 20th	93°0	18th	884	933		81	78	
Year -	—	—	81°8	84°4	80°0	70°5	89°4	—	—	—	—	863	904		79°3	76°8	

## SIERRA LEONE (A.M.D.).

1877.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	81°9	86°0	79°9	69°5	90°3	67°0	22, 30	95°0	30th	887	940		84	76	
February -	29°715	29°623	83°9	87°2	81°6	71°5	91°7	61°0	8th	98°0	1st	923	971		79	75	
March -	732	665	84°8	88°0	82°7	72°8	92°5	69°0	8th	95°0	27th	899	901		75	66	
April -	749	689	86°2	87°3	84°0	76°0	92°0	72°0	23, 24	95°0	1st	956	944		81	72	
May -	735	693	84°1	87°1	84°0	75°2	92°7	71°0	11th	95°0	5th, 23rd	934	944		80	73	
June -	799	756	81°1	83°6	81°8	74°0	89°6	69°0	6th, 27th	94°0	4th, 5th	926	946		87	82	
July -	810	734	81°0	82°3	81°3	73°9	88°7	71°0	11, 28	90°0	1, 8, 22	943	925		90	83	
August -	809	744	78°5	81°2	79°2	72°5	85°8	70°0	23rd	91°0	31st	890	928		91	87	
September -	763	678	80°4	82°2	80°1	73°5	86°7	70°0	28, 30	93°0	4th	919	944		89	86	
October -	751	669	80°4	82°1	80°2	73°3	87°1	71°0	10, 23	92°0	26, 31	942	942		91	86	
November -	718	633	83°4	85°7	82°1	74°0	90°1	70°0	11, 17	94°0	29, 30	1°003	1°049		88	85	
December -	29°720	29°640	83°2	86°4	83°0	75°1	90°9	71°0	16th	93°0	9th, 10th	965	1°047		85	83	
Year -	—	—	82°3	84°9	81°6	73°4	89°8	—	—	—	—	932	953		85°0	79°3	

## SIERRA LEONE (A.M.D.).

1878.	ins.	ins.										in.	in.	in.	%	%	%
January -	29°735	29°626	81°6	86°7	82°9	75°5	90°2	73°0	23rd	94°0	15th	927	1°065		86	84	
February -	778	685	84°0	88°5	84°0	75°2	92°8	73°0	6th	96°0	22nd	967	1°103		83	82	
March -	727	637	86°3	88°8	84°9	76°2	93°5	72°0	21st	95°0	1, 12, 19	1°014	1°039		81	77	
April -	795	618	86°6	88°7	84°6	76°6	92°6	71°0	20th	94°0	1, 22, 28	1°088	1°091		86	81	
May -	763	718	84°7	86°5	83°6	75°2	92°0	70°0	5, 14, 19	95°0	4th, 17th	995	1°056		83	84	
June -	801	732	82°6	82°0	81°6	74°2	89°0	70°0	21, 22	94°0	6th, 27th	962	983		86	89	
July -	807	755	79°0	80°8	78°7	72°2	85°2	70°0	4th	89°0	13, 18, 19	889	938		89	88	
August -	817	743	78°6	79°1	79°2	73°3	85°0	70°0	13, 28	90°0	23rd	889	890		91	89	
September -	777	712	80°6	80°1	80°0	73°4	86°6	71°0	24, 28	92°5	26th	926	912		89	88	
October -	739	653	81°4	84°4	81°1	73°1	89°0	70°0	25th	94°0	29th	929	949		86	89	
November -	740	671	83°2	85°7	82°3	73°7	90°8	69°0	2nd	94°0	7th	957	1°034		84	84	
December -	29°728	29°659	83°5	85°7	82°1	73°9	90°3	67°0	31st	95°0	9th	1°048	1°127		91	91	
Year -	29°760	29°684	82°7	84°8	82°1	74°4	89°8	—	—	—	—	966	1°016		86°3	85°5	

## SIERRA LEONE (A.M.D.).

1879.	ins.	ins.										in.	in.	in.	%	%	%
January -	29°726	29°663	81°3	84°7	81°2	72°1	90°3	65°0	1, 3, 8	96°0	29th	906	961		84	81	
February -	710	642	83°6	88°3	84°1	75°7	92°5	71°0	25th	96°0	15th	931	954		81	71	
March -	735	634	83°7	87°9	83°2	74°8	91°5	70°0	9th	98°0	4th, 6th	922	988		79	73	
April -	713	631	84°0	88°3	83°4	75°0	91°7	69°0	9th	94°0	9, 11, 23	932	1°011		80	77	
May -	710	672	82°4	86°1	82°6	74°8	90°4	71°0	20, 25	93°0	10, 15, 30	916	995		83	79	
June -	774	694	81°9	84°4	83°9	77°1	90°6	70°0	2nd	95°0	1st	910	984		83	84	
July -	824	736	78°3	80°5	78°1	71°1	85°0	69°0	7th	95°0	9th	814	886		84	85	
August -	813	744	77°0	79°3	77°4	72°1	82°7	70°0	15, 16	87°0	2nd	824	868		88	87	
September -	810	739	79°3	81°4	79°4	72°5	86°3	71°0	4, 11, 24	93°0	30th	876	927		88	87	
October -	756	689	81°7	85°0	81°1	72°7	89°4	70°0	28th	92°0	27, 28, 29	894	996		82	83	
November -	748	694	83°8	86°7	81°5	72°0	91°0	71°0	8, 12, 17	93°0	10, 16, 22	941	1°044		81	82	
December -	29°682	29°601	83°8	87°3	82°0	73°1	90°9	70°0	29th	93°0	3, 12, 20	975	1°051		84	81	
Year -	29°750	29°678	81°7	85°0	81°5	73°6	89°4	—	—	—	—	903	972		83°1	80°8	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

## SIERRA LEONE.

1876.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.	—	0	0	0	0				44	3	6	0	0	0	8	0	1	
January -	5.3	5.4		0.000	.000	—	0	0	0	0				40	3	5	0	0	0	10	0	0	
February -	6.7	6.7		0.070	.070	5th	1	0	0	0				38	10	1	0	0	0	13	0	0	
March -	6.7	5.6		0.350	.220	23rd	2	0	0	1				34	5	8	0	0	0	13	0	0	
April -	7.1	6.1		5.300	2.230	17th	5	0	0	10				18	4	15	1	0	0	21	0	3	
May -	7.0	7.2		16.230	3.620	21st	18	0	0	10				11	1	21	1	1	2	21	1	1	
June -	6.2	6.0		19.440	3.850	12th	22	0	0	11				7	1	9	0	0	0	41	0	4	
July -	7.1	7.0		33.170	4.350	12th	26	0	0	1				4	0	2	0	0	0	56	0	0	
August -	6.8	7.1		34.030	4.310	13th	28	0	0	5				5	0	8	0	0	0	44	0	3	
September	6.4	6.2		46.670	3.270	1st	28	0	0	7				5	4	12	0	0	1	25	0	15	
October -	5.5	5.9		12.680	2.130	7th	23	0	0	10				12	2	9	1	0	0	24	1	11	
November	5.3	5.2		4.780	1.030	27th	13	0	0	11				22	5	5	0	0	0	12	2	16	
December	4.0	3.7		0.240	.240	5th	1	0	0	2													
Year -	6.2	6.0		172.960	—	—	167	0	0	68				240	38	101	3	1	3	288	4	54	

## SIERRA LEONE.

				ins.	ins.																	
1877.				ins.	ins.																	
January -	3.4	3.9		0.970	0.970	18th	1	0	0	1				13	16	5	0	0	0	15	3	10
February -	3.7	2.9		0.000	0.000	—	0	0	0	0				9	10	0	0	0	0	21	9	7
March -	3.6	3.2		1.390	0.960	8th	4	0	0	1				41	2	1	0	0	0	3	15	0
April -	3.1	3.2		0.000	0.000	—	0	0	0	0				29	1	1	0	0	0	16	13	0
May -	4.1	3.7		11.420	4.650	24th	16	0	0	16				16	8	15	0	0	0	10	13	0
June -	4.5	4.6		18.310	3.320	14th	25	0	0	9				6	2	23	1	0	1	15	3	9
July -	4.4	4.1		31.640	6.920	11th	23	0	0	2				2	1	12	2	0	7	22	6	10
August -	5.0	4.4		43.360	6.940	7th	26	0	0	2				3	0	0	0	0	7	42	2	8
September -	4.6	4.3		35.210	5.730	12th	25	0	0	6				8	2	0	1	0	8	26	2	13
October -	4.5	4.5		32.950	7.220	18th	21	0	0	7				2	1	13	0	0	4	24	1	17
November -	3.2	3.4		4.920	1.400	15th	9	0	0	10				2	0	6	1	1	5	13	3	29
December -	2.9	2.9		1.680	1.560	2nd	2	0	0	1				0	6	18	3	3	0	15	4	13
Year -	3.9	3.8		181.840	—	—	155	0	0	55				131	49	94	8	4	32	222	74	116

## SIERRA LEONE.

				ins.	ins.																	
1878.				ins.	ins.																	
January -	2.8	2.4		3.290	1.610	4th	4	0	0	1				2	1	31	1	1	0	11	9	6
February -	3.2	2.9		0.000	0.000	—	0	0	0	1				2	0	15	0	0	0	23	11	5
March -	2.9	2.9		0.450	0.200	12th	3	0	0	1				7	0	12	0	0	0	32	6	5
April -	3.2	3.2		9.040	2.700	19th	14	0	0	6				3	2	3	0	0	0	39	10	3
May -	3.5	3.3		12.320	4.160	13th	18	0	0	9				0	0	15	0	0	0	35	2	10
June -	3.7	3.9		23.660	8.410	14th	19	0	0	7				1	1	7	0	0	1	38	0	12
July -	4.0	3.7		41.180	6.660	8th	27	0	0	1				1	1	5	0	0	1	35	2	17
August -	3.7	3.4		44.130	7.170	15th	25	0	0	2				0	0	2	0	0	16	34	0	10
September -	3.5	3.7		44.470	9.420	24th	27	0	0	6				0	0	3	0	7	21	16	0	13
October -	3.5	3.8		16.010	4.150	6th	16	0	0	11				0	0	9	0	10	14	10	2	17
November -	3.4	3.6		6.270	2.320	7th	11	0	0	13				1	0	4	0	2	14	11	1	27
December -	3.4	4.0		2.540	1.300	1st	4	0	0	4				0	0	15	0	1	0	1	1	44
Year -	3.4	3.4		203.360	—	—	168	0	0	62				17	5	121	1	21	67	285	44	169

## SIERRA LEONE.

				ins.	ins.																	
1879.				ins.	ins.																	
January -	3.2	3.7		0.020	0.020	22nd	1	0	0	0				3	0	41	0	0	0	7	2	9
February -	3.4	3.1		0.000	0.000	—	0	0	0	2				4	0	13	0	9	9	15	1	5
March -	3.0	3.0		1.510	0.940	15th	3	0	0	2				5	1	1	0	12	8	23	3	9
April -	3.3	3.1		8.770	2.530	30th	9	0	0	3				0	2	14	0	4	10	23	6	1
May -	3.4	3.3		23.240	6.050	18th	16	0	0	12				3	6	16	1	0	10	22	3	1
June -	3.6	3.5		10.880	2.350	28th	20	0	0	22				2	2	17	0	2	14	8	2	13
July -	4.3	4.0		49.130	4.850	25th	29	0	0	5				0	2	7	3	4	8	17	0	21
August -	4.0	3.8		56.140	7.230	24th	28	0	0	3				19	1	1	2	5	17	8	0	9
September -	3.5	3.3		30.980	4.330	15th	26	0	0	2				0	0	0	1	0	1	43	6	9
October -	3.1	3.0		17.150	3.370	15th	20	0	0	10				1	0	15	1	0	3	33	1	8
November -	3.0	3.0		1.550	0.530	5th	6	0	0	14				0	0	22	0	0	0	32	0	6
December -	3.1	3.0		0.920	0.900	13th	2	0	0	3				4	1	21	3	0	0	27	4	2
Year -	3.5	3.3		200.290	—	—	160	0	0	78				41	15	168	11	36	80	258	28	93



## SIERRA LEONE (A.M.D.).

Long. 13° 9' W. Lat. 8° 30' N. Height above Mean Sea Level, 224 feet.

1880.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	82.4	87.5	82.5	72.5	92.5	70.0	21st	96.0	14, 22	.918	.918	.918	83	83	83
February -	—	—	83.4	86.9	82.9	74.7	91.1	71.0	20th	94.0	14th	.871	.9039	.871	77	81	77
March -	—	—	84.2	87.3	84.0	75.4	92.5	72.0	1st	96.0	30th	.877	.973	.877	75	75	75
April -	—	—	84.3	87.9	83.0	74.9	91.0	72.0	16, 23, 27	94.0	13, 15, 22	.929	.9043	.929	79	79	79
May -	—	—	83.9	83.7	85.5	78.9	92.1	75.0	1, 9, 30	98.0	28th	.9014	.9009	.9014	87	87	87
June -	—	—	84.4	84.9	83.9	76.3	91.3	70.0	19, 24, 27	98.0	4, 8, 29	.9036	.9018	.9036	88	85	85
July -	—	—	81.5	83.8	82.0	73.9	90.1	62.0	5th	96.0	6th, 25th	.952	.966	.952	88	81	81
August -	—	—	81.8	82.2	81.9	75.3	88.4	63.0	18th	96.0	4th, 11th	.997	.988	.997	92	90	90
September -	—	—	79.1	81.1	79.5	73.5	85.5	70.0	26th	91.0	23rd	.903	.978	.903	91	92	92
October -	—	—	81.5	84.0	84.2	77.3	91.1	70.0	17th	97.0	29th	.875	.980	.875	81	84	84
November -	—	—	81.0	83.9	83.6	75.9	91.2	68.0	28th	95.0	22nd	.902	.981	.902	85	85	85
December -	—	—	81.5	84.2	83.8	76.4	91.1	66.0	28th	96.0	10, 20	.922	.954	.922	89	81	81
Year	—	—	82.4	84.8	83.1	75.4	90.7	—	—	—	—	.933	.9001	—	84.6	83.6	—

## SIERRA LEONE (A.M.D.).

1881.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	81.9	84.7	84.6	77.8	91.3	70.0	15th	96.0	9th	.881	.969	.881	81	81	81
February -	—	—	82.8	85.3	83.9	76.7	91.0	71.0	18th	95.0	5th	.879	.9021	.879	78	84	84
March -	—	—	82.9	86.5	84.9	77.8	92.0	70.0	21st	95.0	5th, 24th	.882	.9041	.882	78	82	82
April -	—	—	82.3	87.1	84.4	77.4	91.3	72.0	16th	93.0	3, 15, 28	.907	.9112	.907	83	86	86
May -	—	—	82.8	87.9	85.3	77.6	93.0	72.0	22nd	95.0	5th	.898	.9110	.898	79	84	84
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	81.9	85.3	82.9	76.4	89.3	74.0	9th, 18th	92.0	3, 11, 16	.809	.967	.809	74	79	79
August -	—	—	81.8	85.6	—	74.9	—	70.0	12th	91.0	3rd, 4th	.830	.959	.830	76	78	78
September -	—	—	82.3	84.0	80.7	75.0	86.3	69.0	30th	91.0	28, 29	.902	.998	.902	81	86	86
October -	—	—	82.4	84.7	80.2	74.2	86.2	70.0	20th	91.0	16, 24, 31	.819	.891	.819	74	75	75
November -	—	—	83.2	87.4	82.4	74.3	90.4	70.0	3rd	93.0	28, 30	.839	.911	.839	71	70	70
December -	—	—	82.9	86.8	82.0	73.5	90.4	70.0	12, 24, 31	94.0	27th	.820	.830	.820	73	65	65
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## SIERRA LEONE (A.M.D.).

1882.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.689	29.621	83.1	87.3	82.4	73.1	91.7	70.0	20, 23	95.0	25th	.794	.844	.794	70	65	65
February -	.687	.593	83.8	88.3	83.9	74.7	93.0	70.0	8th	97.0	22nd	.796	.811	.796	68	61	61
March -	.692	.605	85.0	87.8	85.1	75.5	94.6	72.0	8th	97.0	8, 11, 14	.826	.825	.826	69	63	63
April -	.694	.615	84.2	86.8	83.8	75.0	92.6	71.0	9th	98.0	16, 22	.808	.816	.808	68	64	64
May -	.713	.617	84.4	87.6	84.2	75.2	93.2	68.0	23, 29	99.0	28th	.862	.825	.862	73	63	63
June -	.728	.674	81.1	84.1	80.4	73.2	87.6	65.0	18th	94.0	1st, 4th	.807	.848	.807	76	73	73
July -	.728	.685	80.5	83.3	81.2	73.1	89.2	70.0	1st, 5th	97.0	13th	.814	.850	.814	78	74	74
August -	.753	.709	78.4	80.3	79.4	72.1	86.6	68.0	25th	99.0	7th	.808	.801	.808	83	77	77
September -	.740	.668	78.9	80.4	79.1	72.0	86.1	67.0	27th	96.0	30th	.807	.812	.807	82	78	78
October -	.709	.646	82.0	84.2	81.3	72.1	90.5	69.0	19th	96.0	1st	.849	.809	.849	77	68	68
November -	.685	.633	83.7	86.3	82.0	73.9	90.0	71.0	2, 21, 26	95.0	12th	.752	.765	.752	65	61	61
December -	29.692	29.620	83.1	86.9	83.9	74.0	93.7	70.0	19, 30	95.0	13th	.837	.925	.837	74	72	72
Year	29.709	29.641	82.4	85.3	82.2	73.7	90.7	—	—	—	—	.807	.825	—	73.0	68.0	—

## SIERRA LEONE (A.M.D.).

1883.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	82.1	87.1	82.8	73.0	92.5	61.0	30th	95.0	7th, 13th	.836	.899	.836	76	69	69
February -	—	—	81.9	86.5	82.4	72.5	92.3	62.0	4th	97.0	21, 24	.867	.998	.867	79	79	79
March -	—	—	83.8	85.0	81.3	72.2	90.3	63.0	25th	94.0	12th	.906	.992	.906	78	72	72
April -	—	—	84.9	86.0	85.7	78.0	93.4	73.0	7th	96.0	15th	.837	.987	.837	70	79	79
May -	—	—	82.9	82.6	82.5	76.8	87.7	71.0	2nd, 11th	96.0	1st, 12th	.834	.843	.834	74	75	75
June -	—	—	80.2	83.4	83.1	77.0	—	70.0	3rd, 11th	—	—	.822	.873	.822	80	77	77
July -	—	—	83.0	83.1	85.3	75.5	—	62.0	20th	—	—	.840	.831	.840	74	73	73
August -	—	—	81.6	82.8	85.9	76.9	—	72.0	25, 27	—	—	.872	.879	.872	81	77	77
September -	—	—	82.1	85.0	84.4	76.0	—	62.0	24th	—	—	.874	.992	.874	79	82	82
October -	—	—	81.8	84.5	82.1	72.6	—	65.0	27, 28	—	—	.931	.950	.931	86	80	80
November -	—	—	83.7	84.5	85.1	75.4	—	70.0	3rd, 4th	—	—	.901	.969	.901	78	82	82
December -	—	—	81.5	84.6	—	—	—	—	—	—	—	.850	.916	.850	78	77	77
Year	—	—	82.5	84.6	—	—	—	—	—	—	—	.864	.922	—	77.8	76.8	—

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

## SIERRA LEONE.

1880.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N W.	Calm.		
				ins.	ins.	—																		
January -	3'1	3'0		0'000	'000	—	0	0	0	1				2	0	29	1	0	1	22	1	6		
February -	3'0	3'0		2'000	2'000	15th	1	0	0	1				4	9	25	0	0	1	11	8	0		
March -	3'1	—		1'450	'500	30th	4	0	0	2				3	5	3	0	0	8	25	16	2		
April -	3'4	3'3		6'040	1'880	26th	5	0	0	4				1	5	5	2	1	20	15	6	5		
May -	3'0	3'1		5'900	1'500	15th	12	0	0	18				0	10	0	7	14	7	7	3	14		
June -	3'4	3'6		14'830	2'800	14th	22	0	0	5				4	4	0	6	15	6	17	4	4		
July -	3'5	3'0		38'640	5'800	15th	26	0	0	0				3	9	0	13	10	11	4	4	8		
August -	3'6	3'4		51'670	7'020	10th	25	0	0	0				6	5	5	7	15	2	9	3	10		
September	3'8	3'8		41'330	7'070	7th	24	0	0	9				8	12	10	3	12	2	2	0	11		
October -	3'7	3'5		13'370	3'500	11th	22	0	0	12				9	21	7	1	2	0	7	7	8		
November	3'7	3'6		3'190	1'400	7th	5	0	0	9				6	17	0	4	1	7	5	13	7		
December	4'0	4'5		0'720	'580	13th	2	0	0	3				0	13	0	7	0	16	3	15	8		
Year -	3'4	—		179'140	—	—	148	0	0	64				46	110	84	51	70	81	127	80	83		

## SIERRA LEONE.

				ins.	ins.																	
1881.				ins.	ins.																	
January -	4'0	4'2		0'000	'000	—	0	0	0	0				1	14	0	10	4	10	4	6	13
February -	3'9	3'8		0'000	'000	—	0	0	0	1				0	7	4	5	12	6	12	5	5
March -	3'7	3'5		2'080	'780	31st	6	0	0	6				2	6	2	2	10	18	12	7	3
April -	3'9	3'9		13'240	3'260	27th	9	0	0	3				3	6	0	9	12	17	6	3	4
May -	3'6	3'6		28'470	3'260	29th	19	0	0	20				3	11	2	4	5	23	0	9	5
June -	3'3	2'7		38'520	3'600	23rd	19	0	0	19				—	—	—	—	—	—	—	—	—
July -	2'8	2'7		46'190	5'600	9th	23	0	0	0				5	3	0	2	9	11	2	12	18
August -	2'1	3'2		29'880	6'130	12th	19	0	0	2				8	3	2	2	8	8	12	5	14
September -	3'5	3'7		39'510	5'860	7th	24	0	0	1				10	0	0	0	12	18	11	2	7
October -	3'6	3'6		7'000	1'360	30th	12	0	0	0				2	7	1	5	2	19	12	14	0
November -	3'7	3'4		1'150	'450	2nd	5	0	0	2				—	—	—	—	—	—	—	—	—
December -	3'9	3'7		0'000	'000	—	0	0	0	0				9	15	1	2	0	5	12	16	2
Year -	3'5	3'5		206'040	—	—	136	0	0	54				—	—	—	—	—	—	—	—	—

## SIERRA LEONE.

				ins.	ins.																	
1882.				ins.	ins.																	
January -	3'7	3'6		0'200*	'200	19th	1	0	0	0				3	13	0	0	0	3	6	28	9
February -	3'1	3'2		0'000	'000	—	0	0	0	0				4	11	0	0	0	2	12	20	7
March -	2'9	2'9		0'150	'150	8th	1	0	0	1				3	2	1	0	0	7	24	24	1
April -	3'9	3'6		1'150	'550	22nd	4	0	0	3				4	4	0	0	1	9	18	21	3
May -	5'3	4'6		1'570	'500	24th	8	0	0	6				1	2	0	0	0	3	28	22	6
June -	5'5	4'4		4'020	'800	1st	15	0	0	7				3	2	0	0	0	5	25	25	0
July -	5'1	4'7		1'410	'540	8th	5	0	0	0				1	0	0	0	0	21	28	10	2
August -	6'4	6'0		11'270	1'640	24th	20	0	0	0				0	1	0	0	4	25	20	11	1
September -	5'8	6'1		11'490	2'500	3rd	13	0	0	0				0	1	0	0	2	26	23	6	2
October -	4'6	4'9		1'030	'850	19th	2	0	0	6				0	3	1	0	1	22	29	2	4
November -	3'6	3'6		0'640	'350	16th	2	0	0	5				10	21	7	0	0	1	7	13	1
December -	3'0	2'9		0'200	'200	23rd	1	0	0	1				12	18	1	0	0	3	12	15	1
Year -	4'4	4'2		33'130*	—	—	72	0	0	29				41	78	10	0	8	127	232	197	37

## SIERRA LEONE.

				ins.	ins.																	
1883.				ins.	ins.																	
January -	2'5	2'6		0'000	'000	—	0	0	0	0				17	25	4	0	1	0	3	9	3
February -	3'5	2'9		0'660	'550	21st	2	0	0	1				7	1	2	3	5	10	23	5	0
March -	1'9	1'9		0'000	'000	—	0	0	0	0				9	1	0	3	7	18	17	7	0
April -	3'3	2'9		5'700	5'700	13th	1	0	0	1				14	3	3	2	2	11	18	7	0
May -	4'3	4'7		25'290	5'200	12th	8	0	0	6				9	0	3	3	10	17	16	3	1
June -	3'7	4'7		47'990	6'070	16th	21	0	0	12				14	2	3	5	18	5	5	8	0
July -	5'9	5'9		46'250	8'150	16th	20	0	0	1				19	0	2	0	17	10	7	3	4
August -	3'9	3'2		27'840	6'030	3rd	15	0	0	2				14	4	6	6	12	8	7	5	0
September -	4'0	3'7		28'560	6'210	9th	23	0	0	5				14	3	2	2	11	11	10	4	3
October -	—	—		14'740	3'090	3rd	23	0	0	12				8	3	6	1	14	7	7	8	8
November -	5'1	4'5		5'580	2'670	15th	6	0	0	3				8	1	6	2	19	7	10	4	3
December -	3'5	3'9		1'580	1'090	13th	2	0	0	2				11	1	11	2	19	8	7	3	0
Year -	—	—		204'190	—	—	121	0	0	45				144	44	48	29	135	112	130	66	22

\* NOTE.—The Rainfall for 1882 is so very small, as compared with that for other years, as to raise the suspicion of a serious error in its registration. There was a change of observer in October 1881, and again in April 1883, and this change may account for the—apparent—error. The Rainfall at Freetown is given in the "Official Gazette" as 143'82 ins. for 1881; 110'58 ins. for 1882; 143'15 ins. for 1883.



## SIERRA LEONE (A.M.D.).

Long. 13° 9' W. Lat. 8° 30' N. Height above Mean Sea Level, 224 feet.

1884.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	82° 0	82° 0	—	—	—	—	—	—	—	·926	·919	—	84	84	—
February -	—	—	83° 1	85° 5	84° 2	73° 7	—	69° 0	5th, 6th	—	—	·793	·820	—	70	67	—
March -	—	—	80° 6	80° 8	86° 6	77° 4	—	74° 0	7th	—	—	·936	·940	—	90	89	—
April -	—	—	84° 0	83° 2	86° 5	76° 8	—	75° 0	10, 13, 26	—	—	·968	·943	—	83	83	—
May -	—	—	80° 7	80° 6	85° 3	75° 2	—	70° 0	17th	—	—	·991	·996	—	94	95	—
June -	—	—	81° 8	80° 9	86° 5	77° 8	—	73° 0	11th	—	—	·963	·924	—	88	87	—
July -	—	—	79° 7	79° 0	84° 5	75° 6	—	70° 0	4th, 7th	—	—	·923	·893	—	91	90	—
August -	—	—	79° 9	79° 9	82° 7	75° 5	—	70° 0	3rd	—	—	·911	·919	—	89	90	—
September -	—	—	80° 5	80° 6	—	—	—	—	—	—	—	·957	·923	—	92	88	—
October -	—	—	79° 7	80° 3	—	—	—	—	—	—	—	·931	·926	—	91	89	—
November -	—	—	79° 9	79° 4	—	—	—	—	—	—	—	·934	·927	—	91	92	—
December -	—	—	80° 2	80° 8	—	—	—	—	—	—	—	·947	·953	—	92	90	—
Year -	—	—	81° 0	81° 1	—	—	—	—	—	—	—	·932	·924	—	87·8	87° 0	—

## SIERRA LEONE (A.M.D.).

1885.	ins.	ins.										in.	in.	in.	%	%	%
January -	29° 712	29° 611	80° 0	80° 2	—	—	—	—	—	—	—	·947	·934	—	93	92	—
February -	·713	·613	79° 7	79° 9	—	—	—	—	—	—	—	·936	·942	—	92	93	—
March -	·712	·637	82° 3	81° 5	—	—	—	—	—	—	—	·979	·941	—	89	88	—
April -	·660	·594	81° 3	81° 2	—	—	—	—	—	—	—	·964	·932	—	90	88	—
May -	·719	·614	82° 1	81° 8	—	—	—	—	—	—	—	·962	·965	—	88	89	—
June -	·724	·628	84° 3	83° 1	—	—	—	—	—	—	—	·983	·986	—	84	87	—
July -	·742	·625	83° 3	83° 0	—	—	—	—	—	—	—	·982	·9005	—	85	89	—
August -	·700	·609	83° 9	82° 7	—	—	—	—	—	—	—	·957	·928	—	81	82	—
September -	·726	·618	81° 1	80° 4	—	—	—	—	—	—	—	·934	·936	—	88	91	—
October -	·729	·624	80° 0	80° 1	—	—	—	—	—	—	—	·930	·932	—	91	91	—
November -	·714	·617	83° 5	83° 2	—	—	—	—	—	—	—	·964	·998	—	83	89	—
December -	29° 708	29° 612	80° 7	81° 1	—	—	—	—	—	—	—	·961	·949	—	92	90	—
Year -	29° 713	29° 617	81° 9	81° 5	—	—	—	—	—	—	—	·958	·954	—	88° 0	89° 1	—

## SIERRA LEONE (A.M.D.).

1886.	ins.	ins.										in.	in.	in.	%	%	%
January -	29° 705	29° 590	82° 4	82° 1	—	—	—	—	—	—	—	·970	·974	—	88	89	—
February -	·706	·618	80° 8	82° 1	—	—	—	—	—	—	—	·954	·956	—	91	87	—
March -	·719	·651	81° 0	81° 0	—	—	—	—	—	—	—	·947	·959	—	90	91	—
April -	·727	·634	81° 2	81° 2	—	—	—	—	—	—	—	·956	·950	—	90	90	—
May -	·687	·628	81° 1	81° 2	—	—	—	—	—	—	—	·973	·964	—	92	92	—
June -	·710	·623	80° 1	80° 8	—	—	—	—	—	—	—	·943	·954	—	91	91	—
July -	·716	·629	79° 6	81° 4	—	—	—	—	—	—	—	·922	·979	—	91	92	—
August -	·729	·637	80° 1	80° 2	—	—	—	—	—	—	—	·949	·950	—	93	93	—
September -	·717	·617	80° 8	81° 2	—	—	—	—	—	—	—	·962	·981	—	92	93	—
October -	·706	·632	79° 8	80° 7	—	—	—	—	—	—	—	·940	·959	—	93	91	—
November -	·710	·608	81° 2	81° 2	—	—	—	—	—	—	—	·961	·967	—	91	91	—
December -	29° 704	29° 624	81° 7 <sup>15</sup>	81° 8 <sup>15</sup>	—	—	—	—	—	—	—	·971 <sup>15</sup>	·988 <sup>15</sup>	—	89 <sup>15</sup>	91 <sup>15</sup>	—
Year -	29° 711	29° 624	80° 8	81° 2	—	—	—	—	—	—	—	·954	·965	—	90° 9	90° 9	—

## ST. HELENA (R.E.).

Long. 5° 43' W. Lat. 15° 55' S. Height above Mean Sea Level, 40 feet.

1853.	30 a.m. ins.	3.30 p.m. ins.	9.30 a.m.	3.30 p.m.								9.30 a.m. in.	3.30 p.m. in.	in.	9.30 a.m. %	3.30 p.m. %	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	30° 105 <sup>2</sup>	30° 049 <sup>3</sup>	—	—	—	—	—	71° 0 <sup>2</sup>	—	—	75° 2	—	—	—	—	—	—
October -	·087	30° 026	—	—	—	—	—	72° 2	—	—	76° 0	—	—	—	—	—	—
November -	·036	29° 972	—	—	—	—	—	74° 5	—	—	78° 2	—	—	—	—	—	—
December -	30° 046	29° 979	—	—	—	—	—	77° 8	—	—	81° 0	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations were taken at St. Helena on Sundays during 1853.

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

## SIERRA LEONE.

1884.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.	—																		
January -	5'2	5'2		0'000	'000	—	0	0	0	0				10	2	9	1	25	2	7	3	3		
February -	3'6	2'5		0'620	'620	25th	1	0	0	0				12	1	5	5	19	8	4	4	0		
March -	5'3	4'7		0'370	'370	22nd	1	0	0	1				16	1	3	3	29	4	5	1	0		
April -	3'6	3'9		4'040	2'000	12th	7	0	0	5				17	1	4	0	22	3	12	1	0		
May -	2'2	3'6		12'910	3'500	27th	17	0	0	9				10	0	11	0	20	9	8	4	0		
June -	3'2	3'3		28'670	4'200	13, 18	25	0	0	4				14	0	4	3	26	7	5	0	1		
July -	3'4	2'7		27'630	3'050	17th	28	0	0	0				19	1	9	0	21	2	8	0	2		
August -	3'5	2'5		31'430	4'400	24th	27	0	0	0				16	0	4	1	24	4	7	1	5		
September	4'2	4'0		20'410	3'950	2nd	27	0	0	9				0	2	1	2	7	4	38	1	5		
October	4'7	3'3		11'320	2'100	16th	17	0	0	8				2	0	4	2	25	5	22	0	2		
November	3'4	2'5		8'590	2'400	8th	9	0	0	5				3	2	11	0	25	6	13	0	0		
December	2'6	1'8		0'520	'450	1st	4	0	0	1				10	0	10	1	27	3	11	0	0		
Year -	3'7	3'3		146'510	—	—	163	0	0	42				129	10	75	18	270	57	140	15	18		

## SIERRA LEONE.

1885.				ins.	ins.																			
January -	2'3	1'9		0'320	'150	7th	3	0	0	1				12	0	12	4	18	4	12	0	0		
February -	2'4	1'9		0'300	'300	23rd	1	0	0	0				12	2	10	2	18	2	8	2	0	0	
March -	4'2	2'9		1'260	'630	26th	3	0	0	4				18	0	14	2	18	4	4	2	0		
April -	3'3	2'5		1'160	'700	26th	4	0	0	3				16	2	6	4	14	6	12	0	0		
May -	3'1	2'2		7'030	1'600	13th	12	0	0	9				14	0	14	0	18	0	16	0	0		
June -	4'2	3'6		19'840	6'450	10th	21	0	0	10				12	2	6	4	14	6	4	2	10		
July -	3'4	2'8		42'990	6'200	26th	21	0	0	8				4	0	10	2	18	6	6	4	12		
August -	1'8	2'1		47'510	7'700	3rd	26	0	0	3				14	0	10	2	22	2	10	0	2		
September	3'0	1'8		29'150	8'000	11th	18	0	0	5				22	0	8	2	16	0	4	0	8		
October -	—	—		8'580	3'000	13th	15	0	0	8				14	0	8	2	14	0	6	2	16		
November	—	—		8'420	2'500	3rd	14	0	0	14				12	0	6	0	10	6	2	6	18		
December	—	—		2'370	1'300	7th	5	0	0	1				22	2	10	2	20	2	2	0	2		
Year -	—	—		168'930	—	—	143	0	0	66				172	8	114	26	200	38	86	18	68		

## SIERRA LEONE.

1886.				ins.	ins.																			
January -	—	—		0'110	'110	29th	1	0	0	0				20	4	8	4	16	2	2	0	6		
February -	—	—		0'000	'000	—	0	0	0	0				20	0	6	4	20	2	2	2	0		
March -	—	—		0'050	'050	15th	1	0	0	0				20	2	8	6	16	2	6	0	2		
April -	—	—		7'930	1'800	26th	11	0	0	9				20	2	6	2	12	6	6	0	6		
May -	—	—		13'740	2'830	29th	15	0	0	17				28	2	2	0	18	0	2	2	8		
June -	—	—		16'270	3'500	17th	14	0	0	3				20	2	8	2	16	6	4	0	2		
July -	—	—		39'610	6'140	25th	27	0	0	5				18	4	6	4	12	4	4	4	6		
August -	—	—		54'170	4'470	3rd	29	0	0	4				16	0	4	6	12	22	2	0	0		
September -	—	—		32'830	5'150	23rd	24	0	0	7				22	0	8	4	16	4	4	2	0		
October -	—	—		16'520	3'150	27th	9	0	0	8				20	2	14	2	14	2	6	2	0		
November -	—	—		10'250	3'150	4th	7	0	0	6				17	2	9	3	16	3	7	3	0		
December -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—		
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—		

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

## ST. HELENA.

	9.30 a.m.	3.30 p.m.		ins.	ins.																			
1853.																								
January -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
February -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
March -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
April -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
May -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
June -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
July -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
August -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
September -	—	—		0.681	.440	5th	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
October -	—	—		0.010	.005	6, 22	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
November -	—	—		0.036	.035	4th	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
December -	—	—		0.040	.020	1, 20	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Year -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

NOTE.—No observations were taken at St. Helena on Sundays during 1853.  
 NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## ST. HELENA (R.E.).

Long. 5° 43' W. Lat. 15° 55' S. Height above Mean Sea Level, 40 feet.

1854.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°		°				in.	in.	in.	%	%	%
January -	29.990	29.938	—	—	—	—	82.5	—	—	85.6	23rd	—	—	—	—	—	—
February -	30.019	.950	—	—	—	—	83.2	—	—	88.0	24th	—	—	—	—	—	—
March -	.014	.941	—	—	—	—	82.5	—	—	86.2	17th	—	—	—	—	—	—
April -	.038	29.964	—	—	—	—	81.1	—	—	84.1	21st	—	—	—	—	—	—
May -	.065	30.000	—	—	—	—	75.8	—	—	82.2	1st, 3rd	—	—	—	—	—	—
June -	.143	.084	—	—	—	—	70.8	—	—	75.0	3rd	—	—	—	—	—	—
July -	.185	.121	—	—	—	—	67.6	—	—	71.0	3rd	—	—	—	—	—	—
August -	.158 <sup>1</sup>	.102 <sup>1</sup>	—	—	—	—	67.7 <sup>1</sup>	—	—	70.5	24th	—	—	—	—	—	—
September -	.151	.104	—	—	—	—	67.3	—	—	70.0	5th, 6th	—	—	—	—	—	—
October -	.118	.063	—	—	—	—	68.5	—	—	71.2	10th	—	—	—	—	—	—
November -	.084	30.029	—	—	—	—	70.5	—	—	76.0	20th	—	—	—	—	—	—
December -	30.026 <sup>1</sup>	29.970 <sup>3</sup>	—	—	—	—	74.5 <sup>1</sup>	—	—	80.0	26th	—	—	—	—	—	—
Year -	30.083	30.022	—	—	—	—	74.3	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations were taken on Sundays during 1854.

## ST. HELENA (R.E.).

1855.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.009	29.951	—	—	—	—	79.9	—	—	85.0	20th	—	—	—	—	—	—
February -	.060	.999	—	—	—	—	80.4	—	—	86.0	24th	—	—	—	—	—	—
March -	.021	.955	—	—	—	—	79.4	—	—	84.5	14th	—	—	—	—	—	—
April -	.004 <sup>1</sup>	.939 <sup>1</sup>	—	—	—	—	78.4 <sup>1</sup>	—	—	82.0	12th	—	—	—	—	—	—
May -	.050	29.993	—	—	—	—	74.9	—	—	78.2	2nd	—	—	—	—	—	—
June -	.098	30.047	—	—	—	—	71.1	—	—	75.0	1st, 18th	—	—	—	—	—	—
July -	.144	.093	—	—	—	—	68.7	—	—	70.2	7th	—	—	—	—	—	—
August -	.167	.105	—	—	—	—	67.4	—	—	70.0	1st	—	—	—	—	—	—
September -	.146	.101	—	—	—	—	67.4	—	—	69.2	21st	—	—	—	—	—	—
October -	.073	30.020	—	—	—	—	69.5	—	—	76.0	20th	—	—	—	—	—	—
November -	.039	29.970	—	—	—	—	73.2	—	—	75.5	26th	—	—	—	—	—	—
December -	30.041 <sup>1</sup>	29.986 <sup>1</sup>	—	—	—	—	74.3 <sup>1</sup>	—	—	80.0	31st	—	—	—	—	—	—
Year -	30.071	30.013	—	—	—	—	73.7	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations were taken on Sundays during 1855.

## ST. HELENA (R.E.).

1856.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.039 <sup>1</sup>	29.974 <sup>1</sup>	—	—	—	—	77.2 <sup>1</sup>	—	—	80.0	15th	—	—	—	—	—	—
February -	.021	.961	—	—	—	—	79.7	66.0	1st, 5th	86.0	23, 25	—	—	—	—	—	—
March -	.025 <sup>1</sup>	.958 <sup>1</sup>	—	—	—	—	82.1 <sup>1</sup>	66.0	22, 24, 25	85.0	13, 14, 19	—	—	—	—	—	—
April -	.048	29.985	—	—	—	—	74.7	69.6	24, 29	84.0	2nd	—	—	—	—	—	—
May -	.081	30.018	—	—	—	—	72.4	66.0	16, 28	83.0	8th	—	—	—	—	—	—
June -	.107	.059	—	—	—	—	68.4	63.6	27, 28	75.0	9, 11, 20	—	—	—	—	—	—
July -	.131	.082 <sup>1</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	.109	.056	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	.073	.025 <sup>1</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	.061	30.011 <sup>1</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November -	30.000	29.938	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations were taken on Sundays during 1856.

## ST. HELENA (R.E.).

1857.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	30.015 <sup>1</sup>	29.960 <sup>1</sup>	—	—	—	—	72.7 <sup>1</sup>	67.6 <sup>1</sup>	77.8 <sup>1</sup>	65.0	9th	84.0	22nd	—	—	—	—
May -	.063 <sup>1</sup>	30.015 <sup>1</sup>	—	—	—	—	71.1 <sup>1</sup>	66.4 <sup>1</sup>	75.8 <sup>1</sup>	63.5	30th	81.5	5th	—	—	—	—
June -	.118	.061	—	—	—	—	67.5	63.4	71.6	61.0	24th	81.0	5th	—	—	—	—
July -	.109 <sup>2</sup>	.063 <sup>2</sup>	—	—	—	—	66.1 <sup>2</sup>	62.1 <sup>2</sup>	70.0 <sup>2</sup>	58.0	28th	79.0	18th	—	—	—	—
August -	.139 <sup>4</sup>	.084 <sup>4</sup>	69.5 <sup>4</sup>	69.7 <sup>4</sup>	66.8 <sup>4</sup>	63.2 <sup>4</sup>	70.4 <sup>4</sup>	60.0	17th	76.0	24th	.586 <sup>4</sup>	.567 <sup>4</sup>	—	82 <sup>4</sup>	79 <sup>4</sup>	—
September -	.110 <sup>4</sup>	.049 <sup>3</sup>	71.4 <sup>4</sup>	71.2	67.8 <sup>3</sup>	63.2 <sup>4</sup>	72.4 <sup>4</sup>	58.0	4th	76.0	29th	.552 <sup>4</sup>	.516 <sup>3</sup>	—	73 <sup>4</sup>	70 <sup>3</sup>	—
October -	.098	30.026	72.1	71.5	68.5	63.7	73.2	61.0	1st, 20th	75.8	16th	.607	.542	—	79	71	—
November -	.028	29.972	73.2	74.6	70.6	65.5	75.7	64.0	6th, 10th	78.2	16th	.669	.625	—	84	75	—
December -	30.051 <sup>1</sup>	29.996 <sup>1</sup>	74.1 <sup>1</sup>	74.4 <sup>1</sup>	70.1 <sup>1</sup>	65.0 <sup>1</sup>	75.2 <sup>1</sup>	60.0	16th	78.0	23rd	.553 <sup>1</sup>	.577 <sup>1</sup>	—	67 <sup>1</sup>	70 <sup>1</sup>	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations were taken on Sundays during 1857.

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

ST. HELENA.

1854.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	—	—		0'162	'080	30th	5																
February -	—	—		0'245	'100	9th	4																
March -	—	—		1'554	'870	7th	10																
April -	—	—		0'000	'000	—	0																
May -	—	—		1'279	'752	15th	4																
June -	—	—		1'086	'270	16th	9																
July -	—	—		2'856	'502	5th	15																
August -	—	—		0'000	'000	—	0																
September -	—	—		0'687	'267	14th	4																
October -	—	—		0'200	'200	11th	1																
November -	2'0	2'3		0'000	'000	—	0																
December -	3'3 <sup>1</sup>	4'2 <sup>2</sup>		0'200	'200	18th	1																
Year -	—	—		8'269	—	—	53																

NOTE.—No observations were taken on Sundays during 1854.

ST. HELENA.

1855.				ins.	ins.																	
January -	4'6	4'7		0'615	'250	17th	6															
February -	5'6	5'3		0'980	'220	24th	9															
March -	6'2	4'8		1'425	'500	30th	5															
April -	4'3 <sup>1</sup>	4'1 <sup>1</sup>		0'150	'150	20th	1															
May -	4'4	6'7		0'490	'255	17th	3															
June -	7'2	7'2		1'142	'262	21st	8															
July -	9'2	9'2		0'910	'220	18th	7															
August -	8'5	8'0		1'181	'241	11th	7															
September -	7'7	8'1		0'120	'120	28th	1															
October -	5'7	4'1		0'200	'150	1st	2															
November -	1'7	1'2		0'000	'000	—	0															
December -	5'0 <sup>1</sup>	4'2 <sup>1</sup>		0'000	'000	—	0															
Year -	5'8	5'6		7'213	—	—	49															

NOTE.—No observations were taken on Sundays during 1855.

ST. HELENA.

1856.				ins.	ins.																	
January -	4'8 <sup>1</sup>	5'2 <sup>1</sup>		0'527	'273	30th	2															
February -	5'6	3'0		0'610	'250	5th	3															
March -	2'8 <sup>1</sup>	1'8 <sup>1</sup>		0'580	'580	22nd	1															
April -	3'6	3'6		0'390	'170	15th	3															
May -	4'3	5'0		0'000	'000	—	0															
June -	6'4	7'0		0'400	'400	27th	1															
July -	8'3	6'9		2'762	'572	29th	7															
August -	5'7	5'6		0'252	'252	7th	1															
September -	5'2	4'5 <sup>1</sup>		0'000	'000	—	0															
October -	3'7	4'2 <sup>1</sup>		0'000	'000	—	0															
November -	5'0	4'4		0'000	'000	—	0															
December -	—	—		—	—	—	—															
Year -	—	—		—	—	—	—															

NOTE.—No observations were taken on Sundays during 1856.

ST. HELENA.

1857.				ins.	ins.																	
January -	—	—		—	—	—	—															
February -	—	—		—	—	—	—															
March -	—	—		—	—	—	—															
April -	8'5 <sup>1</sup>	7'9 <sup>1</sup>		0'831	'160	15th	8															
May -	6'8 <sup>1</sup>	7'0 <sup>1</sup>		0'000	'000	—	0															
June -	7'3	8'7		0'431	'180	22nd	6															
July -	6'2 <sup>2</sup>	6'2 <sup>2</sup>		0'545	'250	15th	4															
August -	6'1 <sup>1</sup>	7'5 <sup>1</sup>		0'218	'118	4th	2															
September -	3'0 <sup>1</sup>	2'0 <sup>3</sup>		0'000	'000	—	0															
October -	3'9	3'1		0'000	'000	—	0															
November -	2'2	2'2		0'000	'000	—	0															
December -	5'3 <sup>1</sup>	4'5 <sup>1</sup>		0'000	'000	—	0															
Year -	—	—		—	—	—	—															

NOTE.—No observations were taken on Sundays during 1857.  
NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## ST. HELENA (R.E.).

Long. 5° 43' W. Lat. 15° 55' S. Height above Mean Sea Level, 40 feet.

1858.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	% <sub>16</sub>	% <sub>16</sub>	%
January -	30°033 <sup>16</sup>	29°980 <sup>16</sup>	75°3 <sup>16</sup>	75°9 <sup>16</sup>	72°2 <sup>16</sup>	67°1 <sup>16</sup>	77°3 <sup>16</sup>	65°0	4th	81°0	19th	601 <sup>16</sup>	582 <sup>1</sup>	in.	70 <sup>16</sup>	66 <sup>16</sup>	
February -	015	959 <sup>2</sup>	76°7 <sup>1</sup>	78°2 <sup>2</sup>	74°4 <sup>1</sup>	69°7 <sup>1</sup>	79°1 <sup>1</sup>	67°0	18th	83°0	23rd	668 <sup>1</sup>	655 <sup>2</sup>		75 <sup>1</sup>	70 <sup>2</sup>	
March -	009	955 <sup>1</sup>	76°6	77°1 <sup>1</sup>	73°9	69°1	78°6	67°0	2, 16, 23	83°0	9th	634	607 <sup>1</sup>		71	68 <sup>1</sup>	
April -	025	962	78°4	79°0	74°9	69°9	79°9	66°0	22, 30	82°5	10th	644	670		68	70	
May -	059	29°997	74°3	74°8	71°3	66°6	76°0	64°0	17th	79°5	12th	632	590		76	70	
June -	077	30°014	72°9	75°5	—	66°6	—	63°0	21st	77°5	3rd	642	629		82	72	
July -	155	101	68°5	69°1	66°5	63°6	69°4	61°0	30, 31	71°5	10, 15	643	585		93	83	
August -	110	053	68°9	69°1	66°0	62°2	69°7	58°5	7th	74°0	19th	651	634		93	86	
September	109	052	70°1	69°9	67°4	63°2	71°6	61°5	4th, 6th	75°0	8th, 15th	646	510		90	70	
October -	087	024	72°3	72°4	69°1	65°3	72°9	63°0	29th	77°0	19th	552	587		72	76	
November	155	093	74°4	75°3	—	65°2	—	62°0	3rd, 5th	78°0	8th	536	562		66	66	
December	30°131	30°083	76°6	77°1	—	67°9	—	65°0	9th	81°0	28, 29, 31	560	570		63	63	
Year -	30°080	30°023	73°8	74°5	—	66°4	—	—	—	—	—	617	598		76°6	71°7	

NOTE.—No observations were taken on Sundays during 1858.

## ST. HELENA (R.E.).

1859.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30°031	29°973	—	77°0	74°6	69°9	79°2	68°0	3rd, 13th	84°0	21, 22	—	575	in.	—	64	%
February -	30°007	937	77°9	78°8	—	69°1	—	67°0	1st	—	—	627	686		67	71	
March -	29°997	917	78°4	80°9	—	72°0	—	69°0	24th	84°5	21st	673	685		70	66	
April -	30°015	936	77°2	78°8	75°9	72°4	79°3	69°0	30th	84°0	4th 15th	681	660		74	69	
May -	042	29°964	73°6	74°9	72°4	67°7	77°0	64°0	26th	79°0	2nd	606	617		74	72	
June -	146	30°089	71°3	72°6	70°4	64°7	76°0	61°0	20, 21	79°0	7th, 9th	602	612		76	77	
July -	169	110	70°7	72°2	69°6	63°3	75°8	62°0	8, 18, 29	78°0	2nd, 23rd	578	600		77	76	
August -	158	093	70°9	72°2	69°8	63°4	76°1	60°0	9th	78°0	1, 6, 22	564	595		75	76	
September -	127	068	70°4	71°8	68°9	62°5	75°2	62°0	3, 12, 30	77°0	8, 19, 29	567	592		76	77	
October -	109	053	70°7	72°3	69°5	62°9	76°1	61°0	11, 12	77°0	1, 14, 27	499	528		67	68	
November -	096	30°028	72°4	74°7	70°4	64°4	76°3	62°0	19, 22	80°0	5th	538	557		68	66	
December -	30°051	29°989	74°6	76°9	72°9	66°4	79°3	64°0	3, 7, 28	82°0	26, 31	523	527		62	58	
Year -	30°079	30°013	—	75°3	—	66°6	—	—	—	—	—	—	603	—	—	70°0	

NOTE.—No observations were taken on Sundays during 1859.

## ST. HELENA (R.E.).

1860.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30°048	29°975	79°0	81°0	77°5	69°2	85°7	63°0	3rd, 4th	89°0	2nd	539	547	in.	55	53	%
February -	29°985	930	80°5	82°5	78°8	70°4	87°1	69°0	10, 18, 27	90°0	22, 23, 27	565	580		55	53	
March -	30°008	935	82°6	84°5	80°6	71°4	89°8	68°0	29th	92°0	21st	552	553		50	49	
April -	037	29°972	83°2	84°6	81°8	71°8	91°7	68°0	30th	93°0	25th	549	578		49	50	
May -	098	30°033	73°6	75°0	72°3	68°1	76°5	61°0	28th	78°0	9, 14, 28	600	617		72	72	
June -	130	070	72°2	73°7	71°0	65°6	76°3	62°0	7th, 8th	80°0	18th	502	524		65	64	
July -	140	091	70°6	71°8	69°4	63°6	75°1	59°0	6th	78°0	20, 21, 23	445	471		60	61	
August -	134	072	70°6	72°2	69°2	62°5	75°8	60°0	11th	78°0	3, 21, 22	498	480		62	62	
September -	124	061	71°0	72°6	69°7	63°5	75°9	61°0	5th, 10th	78°0	3rd	463	479		62	61	
October -	094	043	71°4	72°9	70°0	64°1	75°8	60°0	16th	78°0	8, 10, 20	499	513		65	64	
November -	081	30°022	71°6	73°2	70°3	64°5	76°0	62°0	19th	77°0	5, 14, 22	546	545		71	67	
December -	30°052	29°996	72°1	73°7	70°6	64°8	76°4	63°0	3, 18, 26	78°0	12, 29, 31	519	543		66	65	
Year -	30°078	30°017	74°9	76°5	73°4	66°6	80°2	—	—	—	—	523	536		61°0	60°1	

NOTE.—No observations were taken on Sundays till after Sunday, September 9th, 1860.

## ST. HELENA (R.E.).

1861.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30°027	29°963	74°4	76°7	72°6	67°5	77°7	64°0	11th	80°0	17, 20, 30	551	556	in.	65	63	%
February -	112	30°028	76°2	78°3	74°5	70°0	79°0	67°0	14th	82°0	7th	559	563		62	58	
March -	104	30°031	76°0	78°1	74°4	70°3	78°5	68°0	11, 12, 29	81°0	2nd	571	583		64	62	
April -	035 <sup>7</sup>	29°969 <sup>7</sup>	74°3 <sup>7</sup>	76°3 <sup>7</sup>	72°8 <sup>7</sup>	67°9 <sup>7</sup>	77°6 <sup>7</sup>	63°0	8th, 13th	79°0	21st	583 <sup>7</sup>	583 <sup>7</sup>		69 <sup>7</sup>	65 <sup>7</sup>	
May -	061	29°990	73°5	75°6	72°2	67°3	77°0	64°0	14th	78°0	1, 7, 18	545	584		67	65	
June -	120	30°065	71°3	73°1	70°1	64°3	75°8	61°0	28, 30	78°0	2, 6, 14	496	514		65	64	
July -	132	076	70°0	71°4	68°6	61°9	75°3	60°0	2, 18, 26	79°0	15th	478	499		66	66	
August -	161	110	69°6	70°6	67°9	62°0	73°7	59°0	10th	78°0	2nd, 3rd	519	486		69	66	
September -	109	30°050 <sup>1</sup>	68°2	69°7 <sup>4</sup>	—	64°2	—	62°0	11, 18, 24	—	—	520	496 <sup>4</sup>		76	69 <sup>4</sup>	
October -	018	29°968 <sup>1</sup>	70°2	72°1 <sup>4</sup>	—	65°4	—	61°0	26th	—	—	556	557 <sup>4</sup>		76	72 <sup>4</sup>	
November -	045	29°979 <sup>2</sup>	71°5	72°2 <sup>2</sup>	69°9	66°3	73°4	64°0	1st, 7th	79°0	30th	552	555 <sup>2</sup>		73	72 <sup>2</sup>	
December -	30°010 <sup>1</sup>	29°954	74°0 <sup>1</sup>	75°4	72°0 <sup>1</sup>	67°7 <sup>1</sup>	76°3 <sup>1</sup>	65°0	5th	80°0	5th	561 <sup>1</sup>	556		68 <sup>1</sup>	65	
Year -	30°078	30°015	72°4	74°1	—	66°2	—	—	—	—	—	541	544		68°3	65°6	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 7 feet above ground. Rain-gauge, on or near the ground.

ST. HELENA.

1858.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	5.7 <sup>16</sup>	3.6 <sup>16</sup>		ins.	ins.	25th	1																	
February -	4.4	4.1 <sup>2</sup>		0.040	.040	15th	2																	
March -	6.5	6.1 <sup>1</sup>		0.100	.060	2nd	5																	
April -	3.4	3.2		0.860	.300	30th	2																	
May -	4.4	3.7		0.230	.180	1st	6																	
June -	6.1	4.4		0.882	.270	15th	1																	
July -	9.6	9.1		0.154	.154	2nd	7																	
August -	9.2	9.0		0.900	.250	3rd	4																	
September -	5.7	5.4		0.665	.250	—	0																	
October -	6.3	5.2		0.000	.000	—	0																	
November -	6.0	4.8		0.000	.000	—	0																	
December -	4.4	4.8		0.120	.070	15th	2																	
Year -	6.0	5.3		3.951	—	—	30																	

NOTE.—No observations were taken on Sundays during 1858.

ST. HELENA.

1859.				ins.	ins.																	
January -	5.0	5.0		0.135	.080	31st	4															
February -	6.7	6.3		0.520	.160	11, 14	4															
March -	6.1	5.2		0.570	.250	10th	5															
April -	6.4	6.3		0.380	.250	30th	2															
May -	7.4	6.3		0.600	.120	30th	6															
June -	7.9	6.9		1.520	.760	23rd	9															
July -	7.7	7.3		0.660	.110	5th	7															
August -	8.5	7.4		0.140	.080	5th	2															
September -	8.7	8.3		0.000	.000	—	0															
October -	8.0	6.9		0.000	.000	—	0															
November -	7.6	5.9		0.050	.030	22nd	2															
December -	8.0	6.5		0.000	.000	—	0															
Year -	7.3	6.5		4.575	—	—	41															

NOTE.—No observations were taken on Sundays during 1859.

ST. HELENA.

1860.				ins.	ins.																	
January -	8.8	7.7		0.170	.140	2nd	2															
February -	7.8	5.9		0.230	.130	24th	3															
March -	6.5	5.4		0.160	.100	30th	2															
April -	5.7	4.4		0.600	.310	30th	4															
May -	7.7	6.6		1.040	.580	22nd	6															
June -	8.3	6.7		0.070	.040	14th	2															
July -	9.2	7.7		0.560	.180	4th	6															
August -	7.3	7.2		0.160	.070	28th	4															
September -	8.6	7.4		0.180	.130	7th	2															
October -	7.8	7.2		0.020	.020	16th	1							5	3	0	5	37	12	0	0	0
November -	9.0	8.0		0.000	.000	—	0							0	1	0	4	42	13	0	0	0
December -	8.0	7.5		0.120	.090	20th	2							0	2	0	4	44	12	0	0	0
Year -	7.9	6.8		3.310	—	—	34							—	—	—	—	—	—	—	—	—

NOTE.—No observations were taken on Sundays till after Sunday, September 9th, 1860.

ST. HELENA.

1861.				ins.	ins.																	
January -	7.6	5.9		0.050	.030	19th	2							0	0	0	7	46	9	0	0	0
February -	8.0	6.3		0.030	.030	17th	1							0	1	0	8	38	9	0	0	0
March -	7.4	6.4		0.810	.200	18th	10							0	2	0	3	41	16	0	0	0
April -	7.8 <sup>7</sup>	6.0 <sup>7</sup>		0.160	.100	8th	3							—	—	—	—	—	—	—	—	—
May -	7.8	6.4		0.980	.500	13th	7							2	2	0	7	39	11	1	0	0
June -	8.1	6.9		1.130	.240	18th	10							2	2	0	8	33	15	0	0	0
July -	7.1	5.4		1.030	.340	25th	8							9	3	0	6	38	6	0	0	0
August -	5.6	5.6		0.640	.290	15th	6							1	0	0	1	49	11	0	0	0
September -	5.6	6.3 <sup>4</sup>		0.040	.040	24th	1							—	—	—	—	—	—	—	—	—
October -	5.9	6.2 <sup>4</sup>		0.000	.000	—	0							—	—	—	—	—	—	—	—	—
November -	5.4	5.2 <sup>2</sup>		0.000	.000	—	0							—	—	—	—	—	—	—	—	—
December -	4.4 <sup>1</sup>	3.5		0.100	.040	10, 29	3							1	0	0	0	50	9	1	1	0
Year -	6.7	5.8		4.970	—	—	51							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## ST. HELENA (R.E.).

Long. 5° 43' W. Lat. 15° 55' S. Height above Mean Sea Level, 40 feet.

1862.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins. 30° 002	ins. 29° 943	74° 4	75° 6	72° 8	68° 7	76° 9	67° 0	6, 28, 30	83° 2	15th	in. 585	in. 588	in.	% 70	% 68	%	
February -	29° 978	921	76° 5	77° 9	74° 1	70° 2	78° 0	68° 0	4th	83° 0	24th	613	613		68	66		
March -	974	915	78° 8	80° 8	77° 2	71° 6	82° 7	67° 0	8th	87° 0	16th	609	602		63	59		
April -	29° 964 <sup>1</sup>	29° 921 <sup>6</sup>	77° 9 <sup>1</sup>	80° 6 <sup>6</sup>	76° 1	70° 6 <sup>1</sup>	81° 6 <sup>1</sup>	67° 0	22, 23	87° 0	4th	592 <sup>1</sup>	566 <sup>6</sup>		63 <sup>1</sup>	56 <sup>6</sup>		
May -																		
June -																		
July -																		
August -																		
September -																		
October -																		
November -																		
December -																		
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

## FORT NAPIER, NATAL (A.M.D.).

Long. 30° 23' E. Lat. 29° 36' S. Height above Mean Sea Level, 2,200 feet.

1868.	9 a.m. ins.	3 p.m. ins.	9 a.m. °	3 p.m. °	°	°	°	°	°	°	°	9 a.m. in.	3 p.m. in.	in.	9 a.m. %	3 p.m. %	%
January -																	
February -																	
March -																	
April -																	
May -																	
June -																	
July -																	
August -																	
September -	—	—	67° 1 <sup>1</sup>	71° 0 <sup>1</sup>	64° 5 <sup>1</sup>	48° 3 <sup>1</sup>	80° 7 <sup>1</sup>	36° 0	7th	103° 0	20th	412 <sup>1</sup>	431 <sup>1</sup>		62 <sup>1</sup>	56 <sup>1</sup>	
October -	27° 666	27° 602	68° 1	70° 0	65° 7	51° 7	79° 6	42° 0	22nd	90° 5	2nd	409	426		60	58	
November -	613	567	72° 5	73° 9	69° 6	54° 9	84° 3	42° 0	14th	100° 0	1st	508	584		63	69	
December -	27° 592	27° 535	75° 0	78° 8	70° 8	58° 1	83° 4	52° 0	8th	102° 2	13th	623	658		71	67	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## FORT NAPIER, NATAL (A.M.D.).

1869.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	77° 6	80° 6	75° 1	63° 9	86° 2	60° 0	22, 23, 28	99° 0	20th	626	646		67	61	
February -	—	—	78° 7	84° 5	74° 2	60° 7	87° 7	56° 0	8, 20, 22	102° 0	20th	556	573		56	48	
March -	—	—	71° 3	78° 6	68° 9	57° 2	80° 6	45° 0	23rd	94° 0	7, 26, 28	529	537		69	55	
April -	—	—	68° 3	75° 3	67° 4	55° 1	79° 7	46° 0	22nd	96° 0	7th	449	462		65	53	
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	63° 4	73° 8	59° 1	40° 3	77° 9	37° 0	3rd	88° 0	6th	523	377		55	45	
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	—	—	63° 5	73° 7	61° 1	40° 9	81° 2	33° 0	16th	98° 0	8th	296	360		50	44	
September -	—	—	70° 9	80° 6	66° 3	47° 8	84° 7	38° 0	17th	95° 0	9, 12, 23	323	323		42	32	
October -	—	—	72° 7	77° 9	68° 6	53° 2	83° 9	46° 0	26th	97° 0	24th	357	351		45	37	
November -	—	—	74° 6	79° 6	70° 2	54° 7	85° 6	45° 0	8, 9, 11	103° 0	25th	393	403		46	40	
December -	—	—	79° 6	84° 6	72° 8	57° 3	88° 3	50° 0	4th	103° 0	14, 26	358	348		36	29	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## FORT NAPIER, NATAL (A.M.D.).

1870.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	27° 499	27° 436	81° 0	86° 7	75° 8	59° 7	91° 8	55° 0	4th, 7th	101° 0	12, 17, 28	351	366		33	29	
February -	—	—	79° 7	85° 5	76° 4	61° 1	91° 6	54° 0	3rd, 9th	101° 0	16th	417	384		41	32	
March -	639	585	75° 9	82° 8	73° 3	58° 1	88° 5	49° 0	18, 22, 25	99° 0	3rd	412	363		45	32	
April -	738	648	74° 0	79° 2	66° 9	51° 8	81° 9	42° 0	13th	96° 0	2nd	427	401		51	41	
May -	—	—	64° 3	77° 0	62° 4	45° 6	79° 2	40° 0	7th	81° 0	2, 15, 25	407	393		68	43	
June -	—	—	64° 2	70° 9	57° 5	40° 4	74° 6	35° 0	5th	81° 0	6th	423	377		70	49	
July -	800	731	62° 6	68° 9	56° 6	41° 2	72° 0	33° 0	24, 29	82° 5	9th	323	343		57	49	
August -	752	652	61° 7	69° 2	60° 5	47° 3	73° 7	37° 0	12th	89° 0	28th	370	383		67	53	
September -	780	663	66° 5	73° 4	65° 0	50° 8	79° 1	37° 0	5th	95° 0	13th	392	416		60	50	
October -	720	636	66° 8	71° 3	65° 5	54° 3	76° 7	48° 0	11, 25	102° 0	22nd	438	450		67	58	
November -	681	591	68° 0	70° 1	66° 5	54° 7	78° 3	45° 0	5th	92° 0	11th	467	514		68	70	
December -	27° 619	27° 535	72° 2	76° 7	70° 6	57° 6	83° 5	52° 0	3, 4, 23	101° 0	26th	503	519		63	58	
Year -	—	—	69° 7	76° 0	66° 4	51° 9	80° 9	—	—	—	—	411	409		57° 5	47° 0	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the the ground.

ST. HELENA.

1862.	Amount of Cloud.			Rainfall.			Weather, No. of days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	4.8	4.2		ins. 1.090	ins. .450	29th	8							0	0	0	1	56	5	0	0	0		
February -	4.1	3.8		0.340	.140	15th	3							0	0	0	2	54	0	0	0	0		
March -	3.9	3.5		0.450	.120	8th	6							3	0	0	5	52	2	0	0	0		
April -	3.6 <sup>1</sup>	3.5 <sup>6</sup>		0.550	.250	21st	6							—	—	—	—	—	—	—	—	—		
May -																								
June -																								
July -																								
August -																								
September -																								
October -																								
November -																								
December -																								
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—		

Thermometers, ? feet above ground. Rain-gauge, 5 feet above ground.

FORT NAPIER, NATAL.

1868.	9 a.m.	3 p.m.		ins.	ins.																
January -																					
February -																					
March -																					
April -																					
May -																					
June -																					
July -																					
August -																					
September	5.3 <sup>1</sup>	5.5 <sup>1</sup>		0.870	.230	15th	11	0	1	3			3	10	20	12	5	4	1	2	3
October -	6.4	7.7		3.720	.750	7th	19	0	0	11			1	6	36	7	8	3	0	1	0
November	6.1	6.9		7.120	1.390	28th	21	0	0	13			4	9	24	21	2	0	0	0	0
December	4.2	5.6		6.410	2.660	16th	16	0	2	10			4	9	30	11	6	0	2	0	0
Year -	—	—		—	—	—	—	—	—	—			—	—	—	—	—	—	—	—	—

FORT NAPIER, NATAL.

1869.				ins.	ins.																	
January -	5.0	5.1		5.310	3.150	13th	11	0	0	2				7	3	30	14	6	0	0	2	0
February -	3.9	3.7		1.370	.550	26th	5	0	0	4				2	11	22	13	6	0	0	2	0
March -	5.4	5.8		6.930	2.200	19th	19	0	0	6				1	7	20	25	5	1	0	3	0
April -	5.2	5.2		5.950	1.280	16th	15	0	0	1				0	2	21	21	14	2	0	0	0
May -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
June -	0.9	0.8		1.210	1.210	14th	1	0	0	0				4	21	26	8	1	0	0	0	0
July -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
August -	1.9	0.5		4.000	1.550	24th	5	3	0	0				7	14	10	16	0	0	0	15	0
September -	1.1	1.1		2.210	1.550	20th	3	0	0	3				5	18	17	5	1	1	0	13	0
October -	4.1	3.6		5.350	1.200	7th	16	0	2	14				1	22	12	20	1	0	0	6	0
November -	4.4	4.2		6.220	1.200	28th	19	0	0	27				1	10	15	20	2	1	0	11	0
December -	4.9	3.9		5.100	1.150	8th	17	0	2	18				0	6	21	16	3	5	0	11	0
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

FORT NAPIER, NATAL.

1870.				ins.	ins.																	
January -	5.0	3.4		6.050	2.740	3rd	16	0	0	21				8	6	21	18	0	1	0	7	1
February -	3.7	3.1		8.740	1.940	4th	11	0	0	18				4	7	23	15	0	2	0	5	0
March -	4.0	3.7		4.920	1.270	5th	11	0	1	19				1	9	28	19	0	0	0	5	0
April -	3.7	1.8		6.220	1.410	25th	15	0	0	9				3	7	31	19	0	0	0	0	0
May -	2.6	1.5		0.360	.150	2, 26	3	0	0	2				2	10	32	17	0	0	0	1	0
June -	1.8	1.9		0.000	.000	—	0	0	0	0				1	13	30	10	5	0	1	0	0
July -	0.5	1.2		0.540	.540	24th	1	0	0	1				3	6	26	7	7	4	2	1	6
August -	3.7	3.3		0.650	.180	15th	8	0	0	0				3	8	23	10	6	0	4	2	6
September -	4.1	4.1		0.370	.160	29th	5	0	0	4				6	6	26	13	5	0	1	0	3
October -	6.4	6.3		3.840	.800	30th	22	0	0	7				4	6	27	17	2	0	0	3	3
November -	4.3	5.9		5.420	1.140	22nd	18	0	0	6				1	5	28	15	3	1	1	4	2
December -	2.5	4.0		5.710	2.630	19th	14	0	0	6				3	11	26	12	5	0	0	3	2
Year -	3.5	3.4		42.820	—	—	124	0	1	93				39	94	321	172	33	8	9	31	23

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## FORT NAPIER, NATAL (A.M.D.).

Long. 30° 23' E. Lat. 29° 36' S. Height above Mean Sea Level, 2,200 feet.

1871.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°					in.	in.	in.	%	%	%
January -	27°605	27°537	72°2	76°3	71°3	59°9	82°7	52°0	8th	98°0	11th	°547	°572		69	64	
February -	°671	°590	69°8	75°6	69°3	58°6	80°0	50°0	21st	100°0	18th	°541	°554		75	62	
March -	°662	°589	70°6	78°2	71°3	59°0	83°5	50°0	4th	98°5	13th	°523	°536		70	55	
April -	°757	°663	61°5	75°8	66°2	52°9	79°4	42°0	30th	95°0	25th	°438	°417		65	47	
May -	°764	°686	62°3	73°9	63°2	48°6	77°7	36°0	23rd	88°0	10th	°372	°376		67	45	
June -	°824	°724	58°1	70°2	58°1	42°7	73°4	30°0	22nd	83°0	14, 19	°268	°265		56	36	
July -	°812	°711	56°0	69°4	57°3	42°3	72°3	34°0	25th	84°0	23rd	°293	°259		65	36	
August -	°812	°706	63°2	72°6	61°1	45°3	76°9	35°0	10, 26	91°0	31st	°277	°271		48	33	
September	°772	°661	68°7	76°4	66°5	50°5	82°5	39°0	12th	98°0	16th	°376	°385		54	42	
October -	27°697 <sup>15</sup>	27°581 <sup>15</sup>	67°1 <sup>15</sup>	70°8 <sup>15</sup>	66°4 <sup>15</sup>	53°7 <sup>15</sup>	79°1 <sup>15</sup>	44°0	13th	102°0	2nd	°440 <sup>15</sup>	°441 <sup>15</sup>		66 <sup>15</sup>	58 <sup>15</sup>	
November	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
December	27°628	27°569	68°2	69°8	66°4	55°7	77°1	49°5	15th	94°7	17th	°505	°547		73	75	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## FORT NAPIER, NATAL (A.M.D.).

1872.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	27°546	27°487	70°3	73°8	67°9	56°3	79°5	48°0	25th	99°8	26th	°597	°537	in.	80	65	
February -	°599	°507	71°0	78°1	70°3	57°7	82°9	48°7	28th	100°0	24th	°567	°580		74	60	
March -	°565	°486	72°0	77°3	70°2	57°6	82°8	53°0	14th	95°0	10th	°534	°554		68	59	
April -	°619	°544	65°5	70°3	64°1	54°2	73°9	48°0	22nd	87°1	8th	°459	°488		73	66	
May -	°639	°551	60°1	69°7	59°9	47°3	72°5	40°0	11, 13, 28	86°5	23rd	°336	°369		65	51	
June -	°788	°687	52°2	65°5	54°2	39°9	68°4	31°7	14th	78°0	7th, 24th	°243	°262		63	42	
July -	°767	°663	51°9	64°8	53°7	40°1	67°3	30°5	15th	82°6	24th	°268	°292		69	48	
August -	°663	°533	61°0	71°9	61°0	46°1	75°9	35°4	15th	95°0	31st	°304	°331		57	42	
September -	°682	°596	62°1	67°1	60°7	49°3	72°0	40°1	20th	90°0	17, 22	°374	°420		68	64	
October -	°596	°511	67°3	70°0	66°0	54°1	77°9	46°0	10th	99°0	26th	°479	°534		71	72	
November -	°548	°475	67°2	69°0	64°5	53°0	76°0	46°0	10th	92°6	13th	°439	°472		65	66	
December -	27°512	27°468	70°9	72°0	69°1	57°1	81°1	50°0	5th	94°0	15th	°566	°628		74	81	
Year -	27°627	27°542	64°3	70°8	63°5	51°1	75°9	—	—	—	—	°431	°456		68°9	59°7	

## FORT NAPIER, NATAL (A.M.D.).

1873.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	—	—	70°3	59°1	81°5	51°3	16th	106°0	5th	—	—	in.	—	—	—
February -	—	—	74°1	74°8	69°9	59°5	80°3	51°3	12th	89°9	27th	°543	°473		65	55	
March -	—	—	73°1	74°9	70°9	58°8	83°0	49°6	19, 20	96°0	24th	°457	°457		56	53	
April -	—	—	68°3	73°6	65°9	51°9	79°8	40°4	17th	91°1	9th	°424	°476		61	57	
May -	—	—	59°8	65°5	59°1	44°8	73°4	32°6	22nd	84°8	1st	°335	°324		66	51	
June -	—	—	57°5	—	56°9	40°5	73°3	33°0	24th	83°6	7th	°263	—		56	—	
July -	—	—	57°9	—	57°4	42°1	72°6	33°4	19th	85°0	14, 21	°278	—		57	—	
August -	—	—	—	—	61°8	46°6	76°9	34°2	13th	93°0	31st	—	—		—	—	
September -	27°745	27°649	67°3	70°3	64°9	51°2	78°6	38°5	6th	97°4	4th	°384	°402		57	54	
October -	°684	°614	70°1	72°3	67°2	54°0	80°4	45°0	13th	98°0	10th	°491	°505		67	63	
November -	°646	°592	70°3	70°9	67°1	55°7	78°4	50°5	15th	104°5	5th	°540	°555		73	73	
December -	27°617	27°562	73°6	74°4	69°1	56°8	81°3	44°0	6th	96°0	3rd	°536	°572		65	67	
Year -	—	—	—	—	65°0	51°8	78°3	—	—	—	—	—	—		—	—	

## FORT NAPIER, NATAL (A.M.D.).

1874.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	27°645	27°585	73°6	76°2	71°4	60°3	82°5	54°8	28, 30	100°4	21st	°601	°634	in.	73	70	
February -	°639	°579	72°2	75°0	69°5	58°6	80°4	49°6	20th	97°4	24th	°561	°587		71	67	
March -	°637	°570	70°8	73°6	68°1	57°1	79°1	53°0	8, 25, 31	86°4	5th	°574	°601		76	73	
April -	°697	°614	67°2	73°5	64°8	52°2	77°4	43°2	25th	86°4	4th	°475	°485		71	58	
May -	°781	°709	61°0	70°1	60°1	45°8	74°4	34°8	26th	87°8	3rd	°325	°322		60	44	
June -	°908	°804	55°5	68°3	55°9	40°9	70°9	32°7	24th	80°0	7th	°286	°326		64	47	
July -	°824	°734	53°7	65°3	54°0	40°0	68°0	31°0	19th	80°4	10th	°270	°301		65	48	
August -	°810	°708	60°1	71°7	59°0	43°2	74°8	34°5	1st	93°0	31st	°290	°297		56	38	
September -	°791	°725	66°4	71°5	62°0	46°9	77°1	34°3	18th	98°2	27th	°358	°386		55	50	
October -	°684	°594	69°7	74°3	66°8	51°4	82°2	42°0	18th	97°4	9th	°429	°462		59	54	
November -	°625	°558	70°8	70°9	66°8	54°6	79°0	45°0	1st	100°0	5th	°488	°515		65	67	
December -	27°615	27°555	70°2	69°1	66°3	55°4	77°2	49°5	5th	87°4	18th	°512	°557		69	78	
Year -	27°721	27°645	65°9	71°6	63°7	50°5	76°9	—	—	—	—	°431	°456		65°3	57°8	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, 5 feet above ground.

## FORT NAPIER, NATAL.

1871.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	5.3	5.8		4.730	.970	16th	21	0	0	9				3	7	26	14	6	1	2	2	1
February -	5.3	5.2		2.800	.760	20th	19	0	2	9				2	4	28	13	7	0	2	0	0
March -	4.3	3.7		3.240	1.440	1st	15	0	0	5				3	9	23	21	1	2	2	0	1
April -	3.1	3.4		4.420	2.730	12th	9	0	0	6				0	12	27	12	5	1	1	2	0
May -	2.1	2.3		0.150	.150	31st	1	0	0	0				4	4	24	12	14	2	1	1	0
June -	1.5	2.2		0.010	.010	28th	1	0	0	0				2	7	19	14	10	2	2	2	2
July -	1.7	1.8		0.900	.440	1st	4	0	0	1				0	5	17	21	5	5	1	7	1
August -	1.8	2.5		0.240	.100	3rd	4	0	0	1				5	8	17	10	6	3	3	9	1
September -	3.3	3.3		0.950	.480	24th	7	0	0	4				3	7	28	13	3	1	1	3	1
October -	5.0 <sup>15</sup>	7.2 <sup>15</sup>		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
November -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
December -	7.8	8.5		9.320	2.500	24th	21	0	5	11				2	9	23	11	2	3	2	2	8
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

## FORT NAPIER, NATAL.

				ins.	ins.																	
1872.				ins.	ins.																	
January -	6.7	9.0		3.360	1.130	30th	15	0	0	6				2	16	14	21	2	2	2	0	3
February -	6.5	6.2		1.160	.350	26th	9	0	1	6				0	19	16	16	2	0	2	2	1
March -	5.9	6.4		6.290	1.160	7th	17	0	3	9				4	9	25	16	3	0	1	4	0
April -	6.3	7.3		7.990	1.470	10th	16	0	0	7				3	6	21	12	7	3	5	1	2
May -	5.2	6.0		1.470	.900	26th	7	0	0	1				2	12	17	14	8	2	2	4	1
June -	2.9	3.6		0.230	.120	1st	5	0	1	0				0	4	16	11	6	9	3	1	10
July -	4.3	4.5		0.490	.340	1st	4	0	0	3				2	7	18	8	6	6	1	3	11
August -	2.8	3.4		0.200	.130	20th	3	0	0	0				0	10	15	12	5	3	4	6	7
September -	6.8	7.2		3.540	.980	13th	14	0	1	6				4	12	25	6	5	1	2	5	0
October -	7.2	8.4		3.190	.650	27th	17	0	1	12				1	9	26	18	1	0	3	3	1
November -	7.7	7.8		7.840	1.460	27th	21	0	1	13				4	10	17	15	6	1	2	4	1
December -	6.6	7.1		4.460	1.360	2nd	22	0	0	6				0	12	30	3	3	2	2	3	7
Year -	5.7	6.4		40.220	—	—	150	0	8	69				22	126	240	152	54	29	29	36	44

## FORT NAPIER, NATAL.

				ins.	ins.																	
1873.				ins.	ins.																	
January -	4.6	6.3		4.670	1.040	8th	13	0	0	6				2	16	14	23	0	3	0	0	4
February -	5.3	7.7		2.000	.690	27th	12	0	1	4				1	13	15	23	0	2	0	2	0
March -	5.4	6.8		3.340	.830	27th	14	0	0	7				2	19	11	17	1	3	0	1	8
April -	2.1	6.0		1.350	.720	7th	8	0	0	4				3	15	6	17	2	3	1	4	9
May -	3.0	6.0		0.780	.500	3rd	5	0	0	0				8	11	9	16	5	3	0	1	9
June -	1.7	4.4		0.000	.000	—	0	0	0	0				6	10	16	21	1	2	0	0	4
July -	3.2	4.1		0.620	.540	8th	3	0	0	2				0	13	22	16	3	2	0	1	5
August -	2.3	4.9		0.210	.140	6th	2	0	0	2				6	16	18	11	1	2	1	5	2
September -	4.7	6.0		1.660	.600	16th	5	1	0	4				2	12	20	14	2	2	4	1	3
October -	6.6	7.2		1.670	.800	24th	14	0	0	8				4	19	17	10	5	0	1	4	2
November -	6.8	8.2		7.240	.950	13th	23	0	1	14				4	12	21	15	2	3	0	3	0
December -	6.1	7.5		4.710	1.300	24th	19	0	0	8				1	10	31	9	2	0	4	5	0
Year -	4.3	6.3		28.250	—	—	118	1	2	59				39	166	200	192	24	25	11	27	46

## FORT NAPIER, NATAL.

				ins.	ins.																	
1874.				ins.	ins.																	
January -	7.1	7.5		6.720	1.290	31st	21	0	3	9				4	8	38	8	2	0	0	2	0
February -	7.5	7.9		6.740	1.350	18th	14	0	0	2				1	6	29	9	8	0	0	3	0
March -	6.3	7.4		7.590	2.600	30th	13	0	0	12				0	5	36	9	6	2	0	2	2
April -	4.2	5.4		1.350	.450	8th	7	0	1	5				3	28	16	6	2	1	3	0	1
May -	3.4	4.4		1.150	.580	5th	4	0	0	0				1	16	31	6	4	0	2	1	1
June -	2.4	2.7		0.050	.050	9th	1	0	0	1				1	13	22	20	1	0	1	0	2
July -	2.5	3.1		0.670	.170	3rd	5	1	0	1				1	5	28	18	5	2	2	1	0
August -	3.1	2.6		0.070	.040	12th	2	0	0	0				0	5	39	8	2	2	4	1	1
September -	2.4	3.8		0.710	.260	30th	6	0	0	2				2	12	28	10	2	0	0	6	0
October -	4.8	5.4		2.440	.980	20th	9	0	1	10				1	20	27	7	1	1	4	0	1
November -	7.0	8.8		3.410	.830	3rd	16	0	0	10				4	15	29	8	0	0	1	2	1
December -	7.6	7.6		11.490	4.020	8th	24	0	0	17				1	7	35	18	0	1	0	0	0
Year -	4.9	5.6		42.390	—	—	122	1	5	69				19	140	358	127	33	9	17	18	9

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## FORT NAPIER, NATAL (A.M.D.).

Long. 30° 23' E. Lat. 29° 36' S. Height above Mean Sea Level, 2,200 feet.

1875.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	27.639	27.574	73.1	75.5	70.2	58.5	81.9	52.0	14th	96.5	24th	.557	.615		69	69	
February -	.650	.582	73.2	77.0	70.5	58.8	82.2	54.4	10th	102.5	27th	.572	.581		70	63	
March -	.697	.628	71.5	76.2	69.4	57.2	81.5	48.0	26th	98.8	18th	.534	.563		69	62	
April -	.735	.665	68.7	73.5	66.2	52.3	80.0	42.0	22nd	88.6	2nd	.461	.462		65	56	
May -	.761	.673	64.3	74.3	62.9	47.8	78.0	38.3	30th	88.0	13th	.392	.408		65	47	
June -	.779	.720	58.2	68.4	58.2	44.2	72.2	37.0	30th	83.0	9th	.294	.299		60	43	
July -	.893	.810	55.9	67.2	55.3	40.6	69.9	34.0	8th	80.0	25th	.277	.304		61	45	
August -	.757	.662	60.9	75.4	60.7	43.5	77.9	32.2	12th	91.0	27th	.310	.313		58	36	
September -	.716	.641	63.1	68.1	60.7	46.7	74.6	34.8	6th	98.0	13, 21	.334	.340		59	49	
October -	.750	.682	65.4	68.3	64.5	52.8	76.2	41.0	5th	98.0	29th	.360	.364		58	52	
November -	.699	.630	67.5	70.2	67.7	57.5	77.9	49.8	19th	97.0	23rd	.489	.505		72	68	
December -	27.674	27.619	73.7	75.9	71.8	60.2	83.4	53.6	7th	99.7	15th	.538	.573		65	64	
Year -	27.729	27.657	66.3	72.5	64.9	51.7	78.0	—	—	—	—	.427	.444		64.3	54.5	

## FORT NAPIER, NATAL (A.M.D.).

1876.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	27.633	27.560	71.7	76.0	71.1	60.3	81.9	54.6	22nd	97.7	2nd	.528	.551		67	62	
February -	.610	.560	73.3	75.8	73.4	62.6	84.2	54.0	23rd	94.3	2nd	.537	.603		66	68	
March -	.721	.647	70.4	76.0	70.1	57.4	82.8	44.6	10th	96.7	16th	.463	.497		62	55	
April -	.815	.765	65.7	71.3	65.5	53.9	77.1	45.8	27th	90.4	9th	.438	.441		69	57	
May -	.820	.749	61.7	68.7	62.0	48.7	75.3	39.5	28th	89.7	5th	.333	.345		61	50	
June -	.902	.826	57.0	67.7	58.3	45.4	71.1	34.6	30th	83.6	6th	.294	.302		63	45	
July -	.921	.841	56.9	69.1	58.4	43.3	73.5	35.8	9th	91.4	4th	.272	.277		59	39	
August -	.806	.737	64.8	71.4	64.1	50.6	77.5	37.6	31st	94.5	29th	.302	.304		49	39	
September -	.767	.680	66.3	70.4	66.0	54.4	77.5	42.8	1st	97.9	22nd	.393	.406		61	55	
October -	.788	.701	69.3	73.1	67.3	53.3	81.2	40.8	1st	99.1	11th	.392	.397		54	49	
November -	.658	.604	68.8	70.7	67.6	55.4	79.8	43.7	12th	98.3	30th	.446	.439		63	58	
December -	27.598	27.529	71.7	75.3	71.9	58.8	85.0	49.7	10th	106.2	14th	.489	.509		62	57	
Year -	27.753	27.683	66.5	72.1	66.3	53.7	78.9	—	—	—	—	.407	.423		61.3	52.8	

## FORT NAPIER, NATAL (A.M.D.).

1877.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	27.668	27.616	71.3	74.2	71.0	60.3	81.6	49.5	14th	100.2	22nd	.532	.533		68	62	
February -	.644	.571	73.2	77.4	73.6	62.0	85.1	55.5	4th	101.6	3rd	.553	.576		67	61	
March -	.695	.620	72.0	78.8	72.1	60.4	83.7	55.7	19th	92.1	26th	.547	.564		69	57	
April -	.764	.697	68.9	76.5	69.2	56.3	82.1	39.6	26th	98.1	19th	.435	.462		59	49	
May -	.682	.635	63.9	72.5	64.7	51.6	77.7	39.3	26th	92.7	19th	.344	.368		55	45	
June -	.937	.853	57.0	68.6	58.3	43.5	73.0	33.5	18th	88.0	1st	.270	.297		58	42	
July -	.922	.834	58.4	69.1	59.4	45.2	73.5	36.4	3rd	83.0	27th	.330	.376		67	52	
August -	.835	.733	63.4	71.6	64.4	50.1	78.7	42.2	20th	90.0	20, 26	.385	.420		65	54	
September -	.803	.722	66.6	70.4	63.7	49.5	77.9	41.0	30th	101.4	9th	.403	.409		58	53	
October -	.751	.666	68.6	70.6	67.2	55.0	79.4	43.1	1st	109.0	18th	.409	.433		56	56	
November -	.633	.576	70.8	72.2	69.3	57.3	81.3	47.8	20th	101.5	25th	.436	.473		59	57	
December -	27.613	27.547	73.8	74.9	70.8	58.2	83.4	53.8	23rd	100.0	2nd	.526	.549		63	62	
Year -	27.746	27.673	67.3	73.1	67.0	54.1	79.8	—	—	—	—	.431	.455		62.0	54.2	

## FORT NAPIER, NATAL (A.M.D.).

1878.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	27.629	27.575	75.9	78.4	75.4	62.8	87.9	55.9	13th	111.7	8th	.555	.581		61	58	
February -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
March -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
April -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
May -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
June -	27.848	27.757	57.7	70.0	59.4	43.3	75.4	34.0	29th	84.0	26th	.268	.310		55	43	
July -	.781	.706	57.1	70.5	59.8	43.9	75.6	35.0	1st	88.0	23, 30	.233	.285		49	36	
August -	.852	.778	58.0	65.9	57.9	43.7	72.1	36.4	14th	90.0	19th	.253	.301		51	45	
September -	.744	.660	69.0	73.7	68.0	50.9	85.1	53.7	14th	101.8	10th	.344	.366		47	46	
October -	.624	.533	72.6	76.2	71.0	53.8	88.1	44.7	14th	109.2	6th	.362	.405		44	44	
November -	.691	.632	72.9	73.4	71.4	58.2	84.5	44.5	10th	109.8	4th	.474	.488		56	59	
December -	27.614	27.560	71.2	71.8	69.9	58.5	81.3	52.0	14, 15	102.0	27th	.443	.512		57	64	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

Thermometers, 2 feet above ground. Rain-gauge, 5 feet above ground.

## FORT NAPIER, NATAL.

1875.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	6.4	7.9		ins. 4.190	ins. 1.320	9th	17	0	0	16				1	8	35	13	2	1	0	2	0		
February -	6.2	8.1		2.600	.800	15th	16	0	0	14				1	7	29	13	4	0	0	1	1		
March -	6.4	7.3		2.360	.390	16th	17	0	0	9				3	12	25	17	2	1	0	2	0		
April -	4.7	6.2		1.380	.300	21st	7	0	0	4				2	9	32	12	2	1	2	0	0		
May -	2.9	4.1		0.360	.330	3rd	2	0	0	2				1	7	32	14	1	0	3	4	0		
June -	3.8	4.2		0.480	.270	12th	4	0	0	0				4	4	31	11	4	0	2	1	3		
July -	2.7	3.8		0.220	.200	16th	2	0	0	0				2	11	26	11	7	2	0	2	1		
August -	1.6	1.6		0.000	.000	—	0	0	0	0				1	9	30	13	0	3	0	3	3		
September -	5.5	6.8		1.120	.270	24th	12	0	0	7				1	10	20	10	6	1	3	6	3		
October -	6.3	6.6		3.080	.720	30th	19	0	0	11				0	10	27	11	8	0	1	3	2		
November -	6.5	8.3		8.070	1.610	6th	20	0	0	12				0	4	33	15	0	3	2	0	3		
December -	5.9	7.0		6.480	2.100	17th	14	0	0	7				0	13	38	10	0	0	0	1	0		
Year -	4.9	6.0		30.340	—	—	130	0	0	82				16	104	358	150	36	12	13	25	16		

## FORT NAPIER, NATAL.

1876.				ins.	ins.																	
January -	6.9	6.7		4.770	2.050	3rd	10	0	0	7				2	9	37	9	3	0	0	0	2
February -	6.4	8.0		7.230	1.310	3rd	19	0	0	13				2	7	29	14	1	0	0	2	3
March -	5.8	6.3		1.710	.900	8th	5	0	0	9				2	5	40	5	2	0	0	3	5
April -	5.0	5.7		3.170	1.290	20th	8	0	0	1				2	3	42	5	3	0	3	1	1
May -	3.7	4.0		0.200	.090	6th	3	0	0	1				1	7	35	13	3	0	0	3	0
June -	3.2	2.8		0.010	.010	26th	1	0	0	1				1	8	32	14	1	1	0	3	0
July -	2.3	1.6		0.200	.200	25th	1	0	0	0				0	4	36	11	2	1	0	1	7
August -	4.3	3.5		0.600	.500	26th	2	0	0	0				3	5	23	9	3	1	4	13	1
September -	6.0	6.7		3.230	1.240	27th	11	0	0	10				1	12	29	8	1	0	2	7	0
October -	5.1	5.3		3.050	2.900	26th	4	0	0	2				1	10	31	9	4	0	0	7	0
November -	5.8	8.4		2.710	1.800	22nd	13	0	0	10				1	7	37	9	5	0	0	1	0
December -	5.9	7.2		2.080	.700	17th	15	0	1	11				3	18	28	7	0	0	0	5	1
Year -	5.0	5.5		28.960	—	—	92	0	1	65				19	95	399	113	28	3	9	46	20

## FORT NAPIER, NATAL.

1877.				ins.	ins.																	
January -	6.5	7.0		5.740	1.700	24th	18	0	0	5				2	11	40	8	0	0	0	0	1
February -	6.0	7.0		6.320	1.340	12th	18	0	0	9				0	11	31	4	1	1	5	2	1
March -	4.9	4.3		2.560	.640	9th	11	0	0	4				0	12	42	1	1	0	0	3	3
April -	3.7	3.4		1.450	.420	8th	8	0	0	5				1	7	44	3	2	1	0	2	0
May -	4.8	4.1		0.740	.620	2nd	2	0	0	5				0	6	34	12	0	2	3	5	0
June -	1.9	2.7		0.000	.000	—	0	0	0	0				1	13	21	16	4	0	2	3	0
July -	1.3	2.0		0.580	.150	8, 29	5	0	0	1				1	16	26	16	3	0	0	0	0
August -	2.6	3.1		0.150	.150	29th	1	0	0	3				3	16	31	3	2	0	2	5	0
September -	4.9	5.6		1.180	.600	14th	9	0	0	3				2	6	30	10	4	1	2	5	0
October -	6.3	7.0		5.910	1.780	26th	18	0	0	7				4	13	30	11	2	0	0	2	0
November -	6.4	7.0		2.890	.720	16th	15	0	0	10				3	17	30	8	0	0	0	2	0
December -	6.0	7.4		3.130	1.200	3rd	16	0	0	9				1	12	37	5	1	0	1	3	2
Year -	4.6	5.1		30.650	—	—	121	0	0	61				18	140	396	97	20	5	15	32	7

## FORT NAPIER, NATAL.

1878.				ins.	ins.																	
January -	8.0	7.9		2.790	1.120	29th	21	0	0	12				2	14	34	4	0	1	0	6	1
February -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
March -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
April -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
May -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
June -	0.8	0.6		0.000	.000	—	0	0	0	0				0	11	32	11	2	1	1	1	1
July -	2.0	2.5		0.010	.010	14th	1	0	0	1				2	9	32	12	1	0	2	4	0
August -	2.5	3.6		0.250	.150	23rd	3	0	0	0				4	10	36	5	2	2	0	3	0
September -	3.3	3.7		0.140	.110	30th	2	0	0	0				1	15	33	4	0	1	1	4	1
October -	4.6	5.7		0.730	.220	19th	9	0	1	6				0	15	29	8	1	0	3	6	0
November -	6.2	8.7		3.710	.690	14th	20	0	2	10				0	27	18	8	0	0	3	4	0
December -	6.5	8.2		3.060	.560	31st	19	0	2	13				2	24	23	10	0	0	0	2	1
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—



## FORT NAPIER, NATAL (A.M.D.).

Long. 30° 23' E. Lat. 29° 36' S. Height above Mean Sea Level, 2,200 feet.

1879.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins.	ins.										in.	in.	in.	%	%	%	
February -	27.613	27.548	71.7	74.0	71.0	59.6	82.4	46.3	21st	105.0	29th	.470	.515		68	60		
March -	.673	.625	70.7	75.6	70.7	59.6	81.7	54.3	21st	94.7	12th	.511	.528		67	58		
April -	.731	.668	71.6	77.5	71.7	58.9	84.4	53.7	21st	100.8	14th	.506	.521		65	55		
May -	.776	.724	69.2	75.3	67.9	54.5	81.3	44.0	21st	94.5	8th	.436	.424		60	46		
June -	.817	.740	61.5	69.8	62.8	48.3	77.2	39.8	21st	90.0	15th	.322	.352		58	48		
July -	.784	.700	58.5	65.7	59.4	46.7	72.1	36.8	13th	85.2	7th	.295	.325		59	49		
August -	.819	.765	54.7	65.4	57.6	44.7	70.5	37.0	5th	85.0	15th	.275	.296		64	46		
September	.864	.798	62.2	71.3	62.9	49.3	76.4	40.7	3rd	91.1	17th	.310	.322		50	40		
October -	.798	.714	67.1	73.2	66.8	54.7	78.9	43.0	23rd	93.4	9th	.415	.423		61	49		
November -	.733	.666	67.2	73.1	67.3	54.8	79.7	45.2	20th	104.2	31st	.416	.455		63	50		
December	.608	.530	71.5	75.6	70.9	58.4	83.3	51.0	10th	104.4	6th	.469	.544		62	60		
	27.566	27.506	71.8	75.3	71.6	60.0	83.1	51.2	16th	105.3	8th	.501	.565		63	63		
Year -	27.732	27.665	66.5	72.7	66.7	54.1	79.3	—	—	—	—	.411	.439		61.7	52.0		

## FORT NAPIER, NATAL (A.M.D.).

1880.	ins.	ins.										in.	in.	in.	%	%	%
January -	27.616	27.547	73.2	79.9	74.8	63.7	85.8	54.0	29th	110.8	23rd	.536	.567	.552	65	55	
February -	.646	.592	73.0	78.1	74.0	63.9	84.0	57.8	5th	110.4	9th	.600	.599	.599	71	61	
March -	.667	.592	70.6	77.2	70.3	58.1	82.4	45.0	29th	95.7	21st	.510	.502	.506	67	61	
April -	.718	.659	65.0	74.2	64.6	51.8	77.3	42.5	27th	93.8	9th	.429	.464	.447	70	54	
May -	.880	.809	60.1	72.1	63.2	50.8	75.6	44.5	27th	85.2	31st	.369	.384	.377	69	48	
June -	.976	.910	55.8	68.2	57.8	43.6	72.0	35.4	19, 22	83.2	1st	.281	.302	.292	63	45	
July -	.972	.892	55.8	73.3	59.8	43.9	75.7	37.5	5th	85.2	17th	.272	.328	.300	62	40	
August -	.776	.672	62.7	72.6	63.9	49.2	78.6	38.4	24th	92.6	7th	.320	.365	.343	55	44	
September -	.775	.684	67.1	72.1	63.3	52.4	74.2	37.8	14th	99.4	23rd	.382	.393	.388	56	50	
October -	.791	.729	67.1	70.0	66.5	56.0	77.0	48.8	18th	97.0	30th	.469	.469	.469	70	63	
November -	.650	.608	69.4	68.3	67.5	57.0	78.0	50.4	19, 22	96.2	10th	.468	.505	.487	64	66	
December -	27.648	27.589	74.6	74.9	73.4	60.4	86.4	48.2	1st	104.2	18th	.547	.582	.565	63	66	
Year -	27.760	27.690	66.2	73.4	66.6	54.2	78.9	—	—	—	—	.432	.455	.444	64.6	54.4	

## FORT NAPIER, NATAL (A.M.D.).

1881.	ins.	ins.										in.	in.	in.	%	%	%
January -	27.641	27.574	75.1	77.8	73.9	63.1	84.6	55.4	9th	102.1	6th	.695	.772	.734	79	79	
February -	.669	.611	71.3	75.0	71.2	61.6	80.7	53.2	16th	97.1	22, 26	.688	.829	.759	88	91	
March -	.688	.627	69.9	72.7	71.4	62.2	80.6	48.4	18th	90.1	3rd	.640	.713	.677	87	87	
April -	.783	.700	64.4	71.6	65.8	54.7	76.8	41.0	19th	88.2	14th	.554	.743	.649	97	94	
May -	.663	.593	62.0	69.8	62.4	49.1	75.7	38.4	11th	90.0	23rd	.515	.592	.554	90	77	
June -	.865	.793	56.0	67.1	57.5	43.2	71.7	31.0	4th	83.4	24th	.413	.612	.513	89	87	
July -	.849	.778	55.3	66.2	56.7	42.9	70.5	31.2	20th	81.1	21st	.299	.378	.339	66	54	
August -	.848	.765	58.2	67.2	59.5	46.1	72.8	35.2	12th	88.1	1st	.291	.318	.305	58	45	
September -	.828	.743	63.5	70.3	63.1	51.8	74.4	42.1	22nd	92.0	13th	.396	.461	.429	67	59	
October -	.748	.668	70.5	75.3	68.7	55.1	82.3	41.0	14th	101.0	6th	.605	.615	.610	76	68	
November -	.629	.554	68.5	70.7	68.2	55.9	80.5	43.2	24, 25	100.1	21st	.446	.516	.481	62	66	
December -	27.612	27.561	73.5	74.7	72.3	60.5	84.0	51.2	4th	104.2	25th	.527	.592	.560	63	67	
Year -	27.733	27.665	65.7	71.5	65.9	53.8	77.9	—	—	—	—	.506	.595	.551	76.8	72.8	

## FORT NAPIER, NATAL (A.M.D.).

1882.	ins.	ins.										in.	in.	in.	%	%	%
January -	27.614	27.538	74.3	77.2	73.9	62.0	85.7	55.2	7th	101.0	30th	.569	.635	.602	67	67	
February -	.663	.580	76.0	82.9	76.3	62.8	89.7	56.4	19th	104.2	22nd	.549	.590	.569	61	51	
March -	.717	.642	71.0	77.1	71.5	58.4	84.6	48.2	8th	95.2	6th, 7th	.530	.490	.510	69	52	
April -	.675	.607	69.9	77.4	70.0	56.8	83.1	49.0	25th	98.0	27th	.480	.528	.504	63	57	
May -	.744	.675	61.7	68.4	60.8	48.0	73.6	37.2	28th	86.0	1st	.343	.372	.358	61	51	
June -	.888	.816	57.9	70.3	59.8	43.1	76.4	38.5	20th	84.1	14th	.260	.314	.287	55	41	
July -	.881	.812	59.3	69.0	59.6	45.2	73.9	36.0	9th	83.3	8th	.282	.298	.290	56	41	
August -	.876	.786	60.9	71.3	62.3	48.5	76.0	38.8	31st	91.6	30th	.318	.328	.323	60	41	
September -	.773	.673	67.0	72.7	65.1	51.9	78.2	38.8	1st	98.6	21st	.343	.389	.366	50	47	
October -	.711	.646	67.6	70.2	66.9	55.9	77.9	42.0	25th	97.8	5th	.390	.410	.400	56	53	
November -	.671	.613	71.9	73.1	70.4	57.4	83.3	49.6	7th	103.0	16th	.461	.492	.477	57	59	
December -	27.647	27.598	73.0	75.3	71.5	61.9	81.0	53.0	14th	105.0	12th	.521	.509	.515	62	56	
Year -	27.738	27.666	67.5	73.7	67.3	54.3	80.3	—	—	—	—	.421	.446	.434	59.8	51.3	

Thermometers, 2 feet above ground. Rain-gauge, 5 feet above ground.

## FORT NAPIER, NATAL.

1879.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	6.7	8.5		ins. 5.150	ins. 1.600	7th	19	0	0	12				2	25	18	11	3	0	1	2	0		
February -	6.4	8.1		6.710	2.500	6th	12	0	0	8				1	9	34	8	0	1	0	2	1		
March -	4.9	6.6		5.080	1.700	27th	14	0	0	10				2	12	32	6	3	1	1	3	2		
April -	3.7	3.3		0.880	.500	4th	5	0	0	0				1	7	38	9	1	0	0	4	0		
May -	4.0	4.1		0.370	.300	30th	2	0	0	0				3	7	45	4	1	0	2	0	0		
June -	4.3	4.4		0.820	.510	21st	7	0	0	3				0	7	34	8	3	1	1	6	0		
July -	3.4	3.7		0.530	.270	7th	4	0	0	1				3	3	32	10	1	2	6	5	0		
August -	3.5	3.4		1.670	1.050	7th	4	0	0	1				3	20	26	4	2	3	0	4	0		
September	4.8	5.1		2.420	.670	26th	8	0	0	3				4	24	22	4	2	0	2	2	0		
October -	6.5	7.0		2.410	1.580	12th	11	0	0	10				3	25	20	7	0	3	1	2	1		
November	5.0	6.4		4.350	1.680	24th	16	0	0	9				4	19	17	6	0	2	4	8	0		
December	6.7	7.0		3.780	1.080	20th	20	0	0	14				5	39	10	2	0	1	2	3	0		
Year -	5.0	5.6		34.170	—	—	122	0	0	71				31	197	328	79	16	14	20	41	4		

## FORT NAPIER, NATAL.

				ins.	ins.																	
1880.				ins.	ins.																	
January -	6.2	6.5		1.860	.270	9. 24	12	0	0	10				3	32	11	5	1	0	7	3	0
February -	7.0	6.9		12.310	5.580	16th	10	0	0	6				1	27	8	4	2	5	0	5	6
March -	4.4	5.3		2.100	1.120	7th	7	0	0	9				4	25	10	2	0	4	4	8	5
April -	1.9	4.0		1.840	.540	22nd	7	0	0	10				2	22	4	2	2	1	1	9	17
May -	2.3	3.1		1.540	1.450	16th	3	0	0	4				2	34	7	5	1	4	4	1	4
June -	1.3	1.5		0.100	.060	10th	2	0	0	1				0	25	1	9	1	7	11	5	1
July -	0.2	0.0		0.000	.000	—	0	0	0	0				1	37	2	9	2	4	3	4	0
August -	2.2	2.7		0.250	.180	10th	4	0	0	1				3	30	12	8	3	1	3	2	0
September -	3.0	3.3		1.090	.820	7th	8	0	0	3				8	26	11	8	1	0	5	1	0
October -	5.8	6.3		5.220	1.450	10th	18	0	1	5				3	38	7	6	2	0	3	3	0
November -	5.5	7.7		8.930	1.750	17th	24	0	0	15				1	33	11	8	2	1	2	2	0
December -	3.6	4.4		5.340	1.850	19th	11	0	0	10				2	38	9	3	0	1	4	5	0
Year -	3.6	4.3		40.580	—	—	106	0	1	74				30	367	93	69	17	28	47	48	33

## FORT NAPIER, NATAL.

				ins.	ins.																	
1881.				ins.	ins.																	
January -	3.5	4.4		7.330	2.810	21st	18	0	0	3				0	45	4	4	0	3	1	5	0
February -	4.8	4.8		2.950	.700	19th	12	0	0	0				4	36	4	6	0	4	0	2	0
March -	3.8	3.9		6.940	2.020	13th	14	0	0	6				2	31	4	5	1	0	0	4	15
April -	2.3	2.6		1.390	.750	17th	7	0	1	2				0	28	7	4	0	0	1	3	17
May -	1.5	1.9		0.210	.170	19th	3	0	0	1				0	13	9	3	0	4	2	5	26
June -	1.6	1.5		0.040	.030	9th	2	0	0	0				1	16	7	5	1	2	1	2	25
July -	1.8	2.1		0.160	.160	23rd	1	0	0	1				5	3	6	14	4	2	3	5	20
August -	2.2	2.6		2.364	1.005	16th	7	0	0	1				0	3	1	19	2	9	2	3	23
September -	3.6	3.5		1.625	.810	22nd.	11	0	1	5				3	5	4	20	13	3	0	0	12
October -	3.2	4.1		1.595	.250	31st	13	0	0	12				0	3	4	26	3	1	3	6	16
November -	3.8	5.5		5.840	1.300	4th	18	0	3	15				2	1	2	29	3	2	5	1	15
December -	4.0	6.2		4.670	1.000	15th	21	0	0	8				2	17	10	11	2	5	2	0	13
Year -	3.0	3.6		35.114	—	—	127	0	5	54				19	201	62	146	29	35	20	36	182

## FORT NAPIER, NATAL.

				ins.	ins.																	
1882.				ins.	ins.																	
January -	4.2	4.7		3.260	.370	11th	17	0	0	9				1	27	10	4	0	2	0	0	18
February -	2.8	2.8		2.510	1.000	3rd	7	0	0	4				4	18	18	10	3	0	0	0	3
March -	3.0	3.2		5.690	1.970	20th	8	0	0	5				0	3	11	31	5	1	3	0	8
April -	2.5	3.0		2.440	1.240	7th	9	0	0	6				2	7	14	23	4	0	1	0	9
May -	2.7	3.6		2.190	1.310	21st	6	0	0	3				2	4	13	23	2	4	1	3	10
June -	0.7	0.8		0.000	.000	—	0	0	0	0				2	2	19	6	2	2	1	1	25
July -	2.0	2.5		0.470	.205	31st	4	0	0	0				10	6	26	5	3	1	2	0	9
August -	2.3	2.0		1.234	.675	1st	4	0	0	0				3	9	27	3	3	1	4	3	9
September -	4.0	4.9		2.020	1.800	28th	7	0	0	2				8	9	23	8	1	1	1	0	9
October -	4.9	6.2		2.220	.640	31st	11	0	0	2				2	12	23	12	1	0	4	5	3
November -	6.1	7.2		6.450	2.110	30th	17	0	1	16				4	12	22	14	2	0	2	3	1
December -	6.3	7.0		7.100	2.070	15th	12	0	0	11				4	10	27	10	5	2	1	1	2
Year -	3.5	4.0		35.584	—	—	102	0	1	58				42	119	233	149	31	14	20	16	106



FORT NAPIER, NATAL (A.M.D.). Long. 30° 23' E. Lat. 29° 36' S. Height above Mean Sea Level, 2,200 feet till January 1884,

1883.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%	
January -	27.639	27.581	72.8	75.3	70.6	61.8	79.4	56.0	13, 30	99.0	18th	.532	.573		66	64		
February -	.612	.538	75.3	80.1	74.9	63.3	86.4	54.8	11th	101.0	26th	.608	.632		68	60		
March -	.670	.603	69.8	73.5	70.3	60.2	80.4	54.8	6th	92.8	13th	.521	.553		71	66		
April -	.673	.606	67.4	75.5	68.4	54.9	81.9	40.7	28th	101.2	3rd	.441	.455		64	49		
May -	.708	.628	61.8	74.0	64.7	49.1	80.2	43.0	3rd, 30th	89.8	18th	.340	.355		62	42		
June -	.850	.776	58.7	70.5	60.6	45.0	76.1	37.6	19th	86.5	2nd	.316	.363		64	47		
July -	.818	.733	56.4	71.9	60.3	44.3	76.2	34.0	20th	84.8	30th	.248	.265		53	40		
August -	.787	.693	57.1	65.5	58.9	47.2	70.6	34.5	1st	90.5	3rd	.304	.354		64	53		
September	.751	.655	66.1	74.7	67.2	53.8	80.6	42.0	9th	98.2	18th	.412	.483		64	55		
October -	.707	.622	69.6	74.7	69.1	57.5	80.7	46.2	1st	99.0	8th	.457	.489		62	55		
November	.655	.596	69.8	71.7	69.1	58.1	80.1	47.0	15th	101.8	5th	.506	.551		69	68		
December	27.623	27.558	72.8	77.4	71.1	60.1	82.1	48.5	6th	105.5	12th	.523	.563		61	60		
Year -	27.708	27.632	66.5	73.7	67.1	54.6	79.6	—	—	—	—	.434	.470		64.0	54.9		

FORT NAPIER, NATAL (A.M.D.).

Height above Mean Sea Level, 2,294 feet from February 1884.

1884.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	27.627 <sup>3</sup>	27.576 <sup>3</sup>	73.0 <sup>3</sup>	75.9 <sup>3</sup>	73.4 <sup>3</sup>	62.5 <sup>3</sup>	84.2 <sup>3</sup>	56.8	3rd	99.2	5th	.581 <sup>3</sup>	.601 <sup>3</sup>		71 <sup>3</sup>	67 <sup>3</sup>	
February -	.613 <sup>11</sup>	.554 <sup>11</sup>	71.8 <sup>11</sup>	77.7 <sup>11</sup>	73.3 <sup>11</sup>	62.1 <sup>11</sup>	84.4 <sup>11</sup>	56.8	26th	97.2	21st	.586 <sup>11</sup>	.591 <sup>11</sup>		75 <sup>11</sup>	60 <sup>11</sup>	
March -	.649	.573	68.0	76.2	70.0	58.6	81.3	48.8	21st	98.5	15th	.540	.581		78	63	
April -	.700	.640	65.0	74.1	67.6	55.0	80.1	43.8	19th	94.8	16th	.428	.468		69	45	
May -	.730	.661	59.7	73.0	63.1	49.1	77.1	38.8	17th	87.2	10th	.336	.360		67	41	
June -	.841	.770	53.0	66.3	56.7	42.8	70.5	35.5	5th	82.0	27th	.244	.253		60	38	
July -	.878	.788	52.7	67.0	56.2	40.1	72.3	30.5	12th	84.0	21st	.228	.257		56	37	
August -	.871	.779	59.9	73.7	63.7	48.8	78.5	42.0	2nd	94.0	24th	.303	.296		57	35	
September -	.723	.636	64.8	71.9	66.0	52.1	79.8	40.5	18th	98.5	20th	.337	.351		53	43	
October -	.677	.616	65.9	70.7	66.2	54.7	77.7	45.5	18th	99.2	13th	.425	.435		66	55	
November -	.608	.549	68.5	73.4	68.1	57.7	78.5	52.8	9th, 17th	99.8	26th	.495	.520		70	61	
December -	27.634	27.585	72.6	75.6	71.5	59.6	83.4	51.0	10th	102.5	12, 28	.553	.577		66	67	
Year -	27.712	27.644	64.6	73.0	66.3	53.6	79.0	—	—	—	—	.421	.441		65.7	51.0	

FORT NAPIER, NATAL (A.M.D.).

1885.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	27.651	27.610	73.5	77.0	71.4	56.0	86.7	53.0	20th	106.2	18th	.507	.534		61	58	
February -	.610	.534	73.6	80.4	76.0	62.6	89.3	59.0	15, 24	102.2	20th	.533	.574		65	55	
March -	.723	.649	70.6	79.7	70.8	57.3	84.3	51.0	3rd	103.0	22nd	.471	.490		63	47	
April -	.667	.587	67.1	74.9	67.9	53.4	82.3	43.5	12th	95.8	8th	.423	.441		64	51	
May -	.715	.655	62.2	76.5	64.7	47.8	81.5	39.5	31st	94.2	9th	.338	.372		60	40	
June -	.798	.714	59.5	75.3	64.0	48.6	79.4	35.8	14th	89.4	18th	.286	.335		56	38	
July -	.837	.717	57.8	72.6	61.0	45.0	77.0	39.0	18th	87.4	8th	.312	.342		65	43	
August -	.738	.676	61.3	73.9	64.2	48.2	80.1	37.0	10th	95.2	22nd	.324	.378		60	45	
September -	.758	.682	63.5	70.9	63.9	52.4	75.3	39.6	16th	98.8	25th	.384	.432		66	56	
October -	.732	.661	69.8	74.9	68.6	55.0	82.2	44.6	4th	106.4	30th	.431	.486		60	56	
November -	.679	.597	73.4	75.2	72.6	59.9	85.2	49.2	29th	108.6	7th	.495	.517		61	58	
December -	27.641	27.578	75.5	76.9	74.6	63.1	86.1	55.6	1st	101.5	13th	.579	.607		65	65	
Year -	27.712	27.638	67.3	75.7	68.3	54.1	82.5	—	—	—	—	.424	.459		62.2	51.0	

FORT NAPIER, NATAL (A.M.D.).

1886.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	27.615	27.554	74.9	81.5	75.9	63.2	88.6	51.2	12th	108.5	8th	.603	.612		69	57	
February -	27.623	27.543	75.5	80.6	75.7	63.8	87.5	58.0	25th	101.0	15th	.657	.666		74	63	
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	27.739 <sup>10</sup>	27.656 <sup>10</sup>	65.7 <sup>10</sup>	73.5 <sup>10</sup>	67.4 <sup>10</sup>	55.8 <sup>10</sup>	78.9 <sup>10</sup>	51.6	24th	89.0	11th	.478 <sup>10</sup>	.467 <sup>10</sup>		76 <sup>10</sup>	56 <sup>10</sup>	
May -	.778	.708	61.7	74.0	63.6	49.2	78.0	38.5	29th	87.5	6th	.336	.321		61	38	
June -	.815	.745	57.6	72.7	61.4	45.3	77.5	40.8	4, 7, 9	87.6	16th	.284	.285		60	35	
July -	.847	.776	53.1	64.7	55.4	41.8	68.9	31.5	7th	80.0	16th	.247	.257		62	42	
August -	.778	.673	59.0	69.8	60.8	46.7	74.8	37.2	31st	95.2	26th	.291	.292		58	40	
September -	.789	.680	68.6	76.3	66.4	53.4	79.4	39.5	1st	102.0	23rd	.386	.428		55	47	
October -	.682	.578	69.0	75.7	69.7	56.4	82.9	48.8	18th	105.8	29th	.440	.471		62	53	
November -	.697	.636	69.2	70.8	67.3	55.8	78.7	45.5	8th	100.8	19th	.441	.462		61	61	
December -	27.649	27.590	70.3	74.6	70.4	59.8	81.0	52.5	12th	99.2	10th	.504	.537		68	63	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

then 2,294 feet. Thermometers, 2 feet above ground. Rain-gauge, 5 feet above ground.

## FORT NAPIER, NATAL.

1883.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	6.4	7.4		5.310	1.400	24th	17	0	0	14				7	6	30	8	8	0	0	2	1	
February -	5.3	6.1		3.410	1.020	5th	12	0	0	11				3	5	32	6	8	0	2	0	0	
March -	6.0	6.9		10.260	2.920	5th	20	0	0	7				4	4	27	14	8	1	0	0	4	
April -	4.2	4.2		2.120	1.360	15th	9	0	0	4				2	7	13	23	4	0	5	3	3	
May -	2.1	2.7		0.690	.500	7th	4	0	0	2				3	1	25	18	7	0	0	1	7	
June -	1.9	2.3		0.000	.000	—	0	0	0	0				4	1	20	5	7	0	2	2	19	
July -	1.4	1.7		0.010	.010	24th	1	0	0	0				3	15	17	11	6	2	6	2	0	
August -	5.6	6.4		1.260	.550	25th	10	0	0	1				7	11	24	7	1	1	8	3	0	
September	4.6	4.6		0.910	.220	14th	8	0	0	3				4	9	36	3	0	2	2	4	0	
October -	4.6	6.2		4.480	2.720	25th	11	0	1	7				5	16	20	11	2	0	2	6	0	
November	6.6	8.2		4.660	.930	24th	16	0	0	4				0	25	16	10	0	4	1	4	0	
December	5.6	6.5		2.990	.500	26th	18	0	0	3				3	23	20	6	1	2	2	5	0	
Year -	4.5	5.3		36.100	—	—	126	0	1	56				45	123	280	122	52	12	30	32	34	

## FORT NAPIER, NATAL.

1884.				ins.	ins.																		
January -	6.6 <sup>3</sup>	8.6 <sup>3</sup>		—	—	—	—	0	0	6				—	—	—	—	—	—	—	—	—	—
February -	6.2 <sup>11</sup>	7.1 <sup>11</sup>		—	—	—	—	0	0	—				—	—	—	—	—	—	—	—	—	
March -	5.6	6.0		5.890	1.750	2nd	15	0	0	1				3	37	6	7	5	1	0	3	0	
April -	3.3	4.6		0.800	.240	2, 13	5	0	0	1				0	26	11	10	9	3	0	1	0	
May -	3.1	3.9		0.580	.200	16th	5	0	0	1				1	7	12	10	19	10	0	3	0	
June -	2.5	3.4		0.940	.640	19th	2	0	0	1				6	8	4	9	20	6	2	5	0	
July -	1.5	1.3		0.030	.030	28th	1	0	0	0				7	8	16	8	14	5	3	1	0	
August -	2.6	2.8		0.100	.070	6th	2	0	0	1				3	9	15	14	15	4	1	1	0	
September	5.0	5.6		1.020	.410	22nd	7	0	0	5				5	15	11	11	11	1	0	6	0	
October -	5.2	6.5		8.810	2.780	18th	17	0	1	2				3	14	8	21	13	1	0	2	0	
November	6.1	7.1		6.060	1.450	3rd	17	0	0	3				4	8	15	21	6	1	1	4	0	
December	4.5	6.4		3.150	.560	7th	17	0	0	6				7	13	19	15	8	0	0	0	0	
Year -	4.4	5.3		—	—	—	—	0	1	—				—	—	—	—	—	—	—	—	—	

## FORT NAPIER, NATAL.

1885.				ins.	ins.																		
January -	5.4	5.6		5.720	1.480	25th	11	0	0	7				1	14	23	17	4	2	1	0	0	
February -	5.2	4.4		4.240	1.750	23rd	9	0	0	8				7	8	21	10	8	0	0	2	0	
March -	3.9	3.9		3.470	1.120	15th	9	0	0	3				4	16	13	7	6	0	1	3	12	
April -	3.8	4.0		1.020	.580	3rd	3	0	0	2				4	6	10	12	10	6	9	3	0	
May -	2.3	2.9		0.240	.090	24th	4	0	0	0				8	15	3	8	18	1	3	6	0	
June -	2.4	2.3		0.690	.610	24th	2	0	0	0				4	10	10	5	23	1	2	5	0	
July -	3.3	2.3		0.000	.000	—	0	0	0	0				0	9	14	7	21	6	3	2	0	
August -	3.5	2.9		0.960	.450	1st	3	0	0	1				6	9	12	7	18	4	5	1	0	
September	5.0	5.0		3.390	1.380	10th	11	0	0	2				2	2	20	9	24	2	0	1	0	
October -	5.3	5.4		2.880	.730	9th	10	0	0	5				11	10	11	11	12	2	2	3	0	
November	6.4	7.0		5.840	1.700	16th	14	0	0	10				16	18	8	7	4	1	0	6	0	
December	6.5	7.7		8.360	1.540	8th	21	0	1	15				7	26	7	16	5	1	0	0	0	
Year -	4.4	4.5		36.810	—	—	97	0	1	53				70	143	152	116	153	26	26	32	12	

## FORT NAPIER, NATAL.

1886.				ins.	ins.																	
January -	5.8	6.5		8.640	2.500	15th	16	0	0	10				12	20	6	9	5	2	1	2	5
February -	5.2	5.2		8.170	3.100	21st	15	0	0	12				9	16	2	14	4	0	0	1	10
March -				—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
April -	5.3 <sup>10</sup>	6.0 <sup>10</sup>		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
May -	2.2	2.3		0.660	.320	13th	4	0	0	2				0	21	1	8	3	20	2	7	0
June -	1.5	1.1		0.100	.050	6, 21	2	0	0	1				1	23	3	3	2	22	1	1	4
July -	2.0	2.7		0.450	.210	18th	4	0	0	3				2	14	4	3	7	19	0	1	12
August -	2.0	2.6		0.960	.350	22nd	5	0	0	0				9	18	8	4	4	9	0	3	7
September	4.1	2.8		0.460	.400	26th	2	0	0	3				6	19	10	3	2	2	1	11	6
October -	6.5	5.9		0.920	.250	6th	11	0	0	7				5	18	10	12	3	2	0	7	5
November -	5.9	7.1		5.880	1.500	26th	13	0	0	8				4	14	9	6	10	3	0	4	10
December	6.0	6.8		4.970	1.700	24th	13	0	0	7				8	10	19	6	12	2	0	0	5
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



GRAHAM'S TOWN, CAPE OF GOOD HOPE (R.E.). Long. 26° 29' E. Lat. 33° 19' S. Height above Mean Sea Level, 1,750 feet.

1853.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30p. m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
February -																	
March -																	
April -																	
May -																	
June -																	
July -																	
August -																	
September -	—	—	—	—	54° 6	47° 3	61° 8	39° 0	5th	81° 5	16th	—	—	—	—	—	—
October -	—	—	—	—	57° 5 <sup>1</sup>	50° 1	64° 8 <sup>1</sup>	41° 0	2nd	79° 5	21st	—	—	—	—	—	—
November -	—	—	—	—	64° 6	54° 7	74° 4	44° 8	3rd	92° 0	28th	—	—	—	—	—	—
December -	—	—	—	—	—	55° 8	—	49° 0	10th	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

GRAHAM'S TOWN, CAPE OF GOOD HOPE (R.E.).

1854.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	—	—	70° 1'	60° 7'	79° 4'	52° 5'	12th	90° 0'	24th	—	—	—	—	—	—
February -	—	—	—	—	71° 4'	61° 5'	81° 2'	53° 5'	23rd	98° 0'	11th	—	—	—	—	—	—
March -	—	—	—	—	68° 8'	58° 0'	79° 6'	45° 5'	7th	98° 5'	5th	—	—	—	—	—	—
April -	—	—	—	—	63° 1'	54° 0'	72° 1'	45° 0'	10, 17	91° 3'	2nd	—	—	—	—	—	—
May -	—	—	—	—	57° 3'	48° 4'	66° 1'	39° 0'	21st	76° 0'	24th	—	—	—	—	—	—
June -	—	—	—	—	53° 5'	44° 5'	62° 4'	37° 0'	23rd	77° 5'	5th	—	—	—	—	—	—
July -	—	—	—	—	52° 8'	42° 5'	63° 0'	35° 0'	7th	76° 0'	31st	—	—	—	—	—	—
August -	28° 320	28° 269 <sup>1</sup>	58° 9'	61° 5 <sup>2</sup>	56° 8'	46° 1'	67° 5'	37° 0'	9th	89° 0'	28th	° 316	° 317 <sup>2</sup>	—	67° 7'	63° 5 <sup>2</sup>	—
September -	° 262	° 184	58° 0'	62° 7'	56° 1'	46° 8'	65° 4'	39° 0'	20th	84° 0'	8th	° 345	° 339	—	75° 4'	63° 9'	—
October -	° 185	° 144	62° 6'	63° 0'	61° 3'	52° 2'	70° 3'	42° 5'	1st	90° 0'	18th	° 413	° 380	—	76° 4'	68° 9'	—
November -	° 155	° 103	67° 9'	69° 4'	66° 3'	58° 9'	73° 6'	48° 0'	1st	87° 0'	14th	° 513	° 525	—	78° 4'	75° 9'	—
December -	28° 141	28° 093	70° 6'	70° 1'	69° 1'	60° 9'	77° 3'	51° 0'	4th, 8th	97° 0'	29th	° 520	° 531	—	71° 6'	74° 4'	—
Year -	—	—	—	—	62° 2'	52° 9'	71° 5'	—	—	—	—	—	—	—	—	—	—

GRAHAM'S TOWN, CAPE OF GOOD HOPE (R.E.).

1855.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	28° 114	28° 068	71° 1'	72° 4'	70° 8'	61° 9'	79° 6'	54° 0'	27th	100° 5'	13th	° 558	° 546	—	75° 4'	71° 1'	—
February -	° 117	° 071	70° 6'	71° 9'	70° 4'	63° 8'	77° 0'	54° 0'	2nd	95° 0'	19th	° 574	° 605	—	78° 5'	78° 5'	—
March -	° 155	° 100	68° 8'	74° 0 <sup>1</sup>	69° 9'	62° 0'	77° 8'	54° 0'	14th	93° 0'	26th	° 546	° 576 <sup>1</sup>	—	79° 1'	71° 2 <sup>1</sup>	—
April -	° 251	° 185	64° 4'	69° 6'	64° 4'	56° 1'	72° 6'	46° 0'	22nd	87° 0'	30th	° 438	° 461	—	75° 4'	66° 8'	—
May -	° 309	° 256	58° 6'	63° 4'	58° 2'	49° 6'	66° 8'	42° 0'	25, 26	76° 5'	16th	° 339	° 368	—	72° 4'	66° 6'	—
June -	° 297	° 244	59° 2'	64° 2'	59° 0'	49° 9'	68° 1'	36° 5'	29th	78° 0'	14th	° 324	° 356	—	68° 6'	63° 5'	—
July -	° 367	° 309	57° 2'	63° 1'	55° 4'	44° 5'	66° 3'	34° 5'	19th	77° 5'	23rd	° 289	° 412	—	67° 1'	74° 6'	—
August -	° 211 <sup>1</sup>	° 146	57° 4 <sup>1</sup>	63° 0'	57° 2'	48° 3'	66° 1 <sup>1</sup>	41° 0'	23rd	80° 0'	29th	° 324 <sup>1</sup>	° 340	—	73° 0 <sup>1</sup>	63° 8'	—
September -	° 261	° 201	59° 3'	63° 5'	58° 6'	50° 8'	66° 4'	37° 5'	25th	84° 5'	12th	° 383	° 407	—	79° 4'	73° 3'	—
October -	° 259 <sup>1</sup>	° 188	65° 2 <sup>1</sup>	67° 0'	63° 6 <sup>1</sup>	54° 3 <sup>1</sup>	72° 9'	43° 5'	9th	88° 5'	5th	° 438 <sup>1</sup>	° 443	—	73° 4 <sup>1</sup>	71° 9'	—
November -	° 180 <sup>1</sup>	° 136	70° 7 <sup>1</sup>	69° 8'	69° 5 <sup>1</sup>	60° 0 <sup>1</sup>	79° 0 <sup>1</sup>	43° 0'	7th	92° 0'	17th	° 509 <sup>1</sup>	° 550	—	71° 0 <sup>1</sup>	73° 6'	—
December -	28° 167	28° 130 <sup>1</sup>	69° 3'	70° 7 <sup>1</sup>	67° 9'	60° 2'	75° 5'	53° 5'	16th	99° 0'	29th	° 511	° 525 <sup>1</sup>	—	72° 9'	72° 6 <sup>1</sup>	—
Year -	28° 225	28° 170	64° 3'	67° 7'	63° 7'	55° 1'	72° 3'	—	—	—	—	° 436	° 466	—	73° 9'	70° 6'	—

GRAHAM'S TOWN, CAPE OF GOOD HOPE (R.E.).

1856.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	28° 112 <sup>1</sup>	28° 062 <sup>1</sup>	74° 3 <sup>1</sup>	75° 2'	71° 7 <sup>1</sup>	62° 9 <sup>1</sup>	80° 4 <sup>1</sup>	52° 5'	4th	89° 0'	13th	° 561 <sup>1</sup>	° 580	—	67° 6 <sup>1</sup>	67° 5'	—
February -	° 180	° 134	71° 1'	73° 8'	70° 8'	62° 7'	78° 9'	52° 0'	15th	94° 5'	20th	° 576	° 609	—	76° 9'	74° 5'	—
March -	° 142	° 098	68° 1'	70° 8'	67° 1'	58° 7'	75° 5'	48° 0'	25th	92° 5'	10th	° 533	° 561	—	78° 7'	75° 1'	—
April -	° 296	° 244	64° 6'	67° 7'	64° 1'	57° 2'	70° 9'	43° 5'	26th	85° 0'	4th	° 509	° 542	—	83° 1'	79° 2'	—
May -	° 297 <sup>2</sup>	° 241	60° 3 <sup>2</sup>	65° 9'	59° 9'	50° 2 <sup>3</sup>	69° 0 <sup>2</sup>	42° 5'	17th	81° 5'	14th	° 385 <sup>2</sup>	° 426	—	73° 2 <sup>2</sup>	67° 7'	—
June -	° 282	° 213	55° 7'	61° 9'	54° 8'	45° 3'	64° 3'	35° 5'	29th	79° 0'	19th	° 316	° 351	—	70° 4'	64° 1'	—
July -	° 346 <sup>1</sup>	° 268	52° 3 <sup>1</sup>	60° 3'	51° 0 <sup>1</sup>	40° 6 <sup>1</sup>	61° 4 <sup>1</sup>	34° 0'	29th	70° 0'	14th	° 286 <sup>1</sup>	° 314	—	71° 9 <sup>1</sup>	60° 2'	—
August -	° 300 <sup>1</sup>	° 259	55° 7 <sup>1</sup>	61° 9'	54° 0 <sup>1</sup>	42° 3 <sup>1</sup>	65° 6 <sup>1</sup>	32° 5'	9th	82° 0'	14th	° 296 <sup>1</sup>	° 311	—	66° 0 <sup>1</sup>	57° 0'	—
September -	° 249	° 188 <sup>1</sup>	63° 4'	67° 8 <sup>1</sup>	60° 6'	50° 0'	71° 2'	40° 5'	1st	91° 0'	7th	° 389	° 396 <sup>1</sup>	—	67° 4'	60° 5 <sup>1</sup>	—
October -	° 204	° 159 <sup>2</sup>	65° 1'	64° 6 <sup>2</sup>	63° 3'	53° 1'	73° 5'	39° 0'	5th	95° 0'	28th	° 427	° 417 <sup>2</sup>	—	70° 2'	70° 2 <sup>2</sup>	—
November -	° 180 <sup>3</sup>	° 139 <sup>3</sup>	66° 6 <sup>3</sup>	67° 7 <sup>3</sup>	63° 9 <sup>3</sup>	55° 1 <sup>3</sup>	72° 6 <sup>3</sup>	44° 0'	1st	86° 5'	10th	° 475 <sup>3</sup>	° 506 <sup>3</sup>	—	73° 0 <sup>3</sup>	75° 7 <sup>3</sup>	—
December -	28° 090	28° 035	70° 2'	72° 5'	67° 6'	57° 9'	77° 3 <sup>1</sup>	46° 5'	19th	98° 0'	6th	° 517	° 531	—	73° 5'	71° 1'	—
Year -	28° 223	28° 170	64° 0'	67° 5'	62° 4'	53° 0'	71° 7'	—	—	—	—	° 439	° 462	—	72° 7'	68° 6'	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

GRAHAM'S TOWN.

1853.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
1881.				ins.	ins.																	
January -																						
February -																						
March -																						
April -																						
May -																						
June -																						
July -																						
August -																						
September -	—	—		7'470	1'580	26th	17							1	1	1	3	4	10	6	4	0
October -	—	—		2'290	'590	1st	10							2	2	1	3	4	11	4	4	0
November -	—	—		4'730	1'500	29th	11							1	6	2	4	4	12	0	1	0
December -	—	—		2'720	1'630	12th	8							1	4	3	2	3	14	1	3	0
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1853 includes only the morning observations.

GRAHAM'S TOWN.

1854.				ins.	ins.																	
January -	—	—		1'030	'780	25th	3							0	2	6	1	6	12	4	0	0
February -	—	—		2'480	'890	16th	10							1	0	4	3	7	7	1	5	0
March -	—	—		3'640	1'520	20th	9							4	4	4	2	3	7	3	4	0
April -	—	—		3'870	'810	23rd	12							1	1	1	2	3	7	10	5	0
May -	—	—		2'320	'550	8, 9, 11	8							0	2	1	2	2	4	10	10	0
June -	—	—		4'180	1'910	13th	10							2	0	1	1	4	2	11	9	0
July -	—	—		0'690	'550	10th	2							1	1	0	0	0	2	13	14	0
August -	—	—		1'160	'530	7th	5							0	1	1	1	1	4	12	11	0
September -	—	—		6'900	2'960	14th	10							1	4	3	0	0	5	8	9	0
October -	—	—		3'250	1'060	12th	10							1	1	3	4	5	8	3	6	0
November -	—	—		5'720	2'320	7th	15							0	2	4	2	6	6	5	5	0
December -	—	—		5'190	2'260	11th	12							2	3	4	3	3	8	3	5	0
Year -	—	—		40'430	—	—	106							13	21	32	21	40	72	83	83	0

NOTE.—The wind summary for 1854 includes only the morning observations.

GRAHAM'S TOWN.

1855.				ins.	ins.																	
January -	—	—		6'190	3'360	29th	10							2	7	5	1	1	10	2	3	0
February -	—	—		1'360	'660	20th	11							2	4	2	4	3	6	4	3	0
March -	—	—		2'980	'660	31st	14							2	2	2	5	0	9	2	9	0
April -	—	—		0'980	'460	15th	7							1	2	1	2	1	6	4	13	0
May -	—	—		2'630	'440	2nd	11							2	1	0	1	1	8	9	9	0
June -	—	—		0'160	'110	29th	3							0	3	0	0	1	7	4	15	0
July -	—	—		1'390	1'070	28th	5							1	0	0	0	2	4	7	17	0
August -	—	—		3'580	1'370	30th	10							0	1	0	4	0	6	6	14	0
September -	—	—		2'550	'540	3rd	16							2	1	4	2	4	5	7	5	0
October -	—	—		2'560	1'380	1st	11							1	5	2	0	5	9	1	8	0
November -	—	—		2'470	1'600	17th	9							0	4	2	7	3	8	1	5	0
December -	—	—		5'190	2'200	1st	8							0	3	4	11	5	8	0	0	0
Year -	—	—		32'040	—	—	115							13	33	22	37	26	86	47	101	0

NOTE.—The wind summary for 1855 includes only the morning observations.

GRAHAM'S TOWN.

1856.				ins.	ins.																	
January -	—	—		0'570	'390	3rd	5							1	4	6	28	3	16	4	0	0
February -	6'2	6'8		5'280	1'050	23rd	15							2	7	10	19	3	12	2	3	0
March -	5'1	5'4		3'060	'740	13th	11							0	7	1	19	8	12	4	11	0
April -	6'2	4'8		7'790	4'130	6th	11							2	8	10	10	4	10	5	11	0
May -	2'8 <sup>1</sup>	2'7		0'870	'490	31st	3							0	0	1	4	5	16	9	27	0
June -	2'1	3'6		0'710	'340	28th	5							7	2	0	0	1	7	11	32	0
July -	2'6 <sup>1</sup>	3'3		1'200	'520	10th	7							1	1	1	5	2	10	16	26	0
August -	3'0	3'0		0'820	'720	2nd	4							1	6	1	4	4	18	10	18	0
September -	5'0	7'0 <sup>2</sup>		1'640	1'530	24th	2							3	7	3	7	4	25	1	10	0
October -	5'4	6'9 <sup>2</sup>		2'810	'700	20th	10							2	2	3	15	6	19	5	10	0
November -	7'7 <sup>3</sup>	7'2 <sup>3</sup>		3'720	'700	16th	15							2	3	5	19	8	13	1	9	0
December -	6'9	6'6		4'800	1'180	14th	13							0	5	1	23	6	16	3	8	0
Year -	—	—		33'270	—	—	101							21	52	42	153	54	174	71	165	0

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



GRAHAM'S TOWN, CAPE OF GOOD HOPE (R.E.). Long. 26° 29' E. Lat. 33° 19' S. Height above Mean Sea Level, 1,750 feet.

1857.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	28° 115	28° 073	69° 4	71° 8	68° 3	59° 1	77° 5	51° 5	20th	97° 0	15th	527	538		75° 0	70° 0	
February -	166	108	71° 6	74° 7	69° 4	59° 9	78° 9	51° 0	6, 7, 8	95° 5	12th	566	596		72° 8	70° 0	
March -	152	100 <sup>1</sup>	68° 4	72° 6 <sup>1</sup>	68° 4	59° 2	77° 6	49° 5	19th	89° 0	23rd	514	540 <sup>1</sup>		74° 3	68° 3 <sup>1</sup>	
April -	217 <sup>1</sup>	178	61° 4 <sup>1</sup>	65° 9	60° 3 <sup>1</sup>	51° 7 <sup>1</sup>	68° 9 <sup>1</sup>	42° 5	27th	85° 5	10th	415 <sup>1</sup>	442		74° 1 <sup>1</sup>	69° 4	
May -	269	212 <sup>1</sup>	63° 2	68° 5 <sup>1</sup>	61° 9	51° 3	72° 5	41° 5	30th	85° 5	12th	365	390 <sup>1</sup>		64° 4	56° 5 <sup>1</sup>	
June -	207	170 <sup>1</sup>	58° 6	64° 0 <sup>1</sup>	56° 0 <sup>1</sup>	44° 9 <sup>1</sup>	67° 0 <sup>1</sup>	37° 0	17th	79° 0	15th	281	317 <sup>1</sup>		57° 4	53° 8 <sup>1</sup>	
July -	360	298	55° 7	61° 3	54° 4	44° 9	63° 8	35° 0	7th	79° 0	10, 31	292	335		66° 3	62° 3	
August -	338	285	57° 6	61° 0	56° 7 <sup>3</sup>	49° 2 <sup>3</sup>	65° 4	38° 5	3rd	81° 0	25th	362	434		75° 4	78° 3	
September	306	242	60° 1	64° 0	58° 6	50° 5	66° 6	40° 5	18th	85° 5	24th	379	504		72° 7	81° 7	
October -	221	166	60° 3	62° 7	59° 2	51° 5	66° 9	41° 0	7th	83° 0	12th	382	477 <sup>2</sup>		72° 4	81° 2 <sup>2</sup>	
November	160	122	67° 3	68° 0	64° 6	56° 7	72° 5	46° 5	2nd	87° 0	19, 26	498	508		75° 1	75° 8	
December	28° 113	28° 057	69° 0	70° 7	66° 0	55° 6	76° 3	48° 5	14th	90° 5	23rd	473	519		67° 0	69° 9	
Year -	28° 219	28° 168	63° 6	67° 1	62° 1	52° 9	71° 2	—	—	—	—	421	467		70° 6	69° 8	

GRAHAM'S TOWN, CAPE OF GOOD HOPE (R.E.).

1858.	ins.	ins.										in.	in.	in.	%	%	%
January -	28° 079	28° 036	70° 3	71° 4	67° 7	58° 0	77° 4	50° 0	22nd	94° 0	1st	498	533		68° 1	68° 7	
February -	121	070	73° 1	76° 6	72° 4	61° 7	83° 1	52° 0	16th	106° 5	7th	523	568		70° 3	65° 8	
March -	176	129	67° 5	71° 7	67° 6	58° 7	76° 4	45° 0	29th	96° 0	18th	508	554		75° 7	73° 6	
April -	208	147	66° 5	72° 3	65° 5	55° 5	75° 4	44° 0	30th	88° 5	24th	443	485		68° 6	62° 7	
May -	302	259	61° 2	66° 8	60° 0	50° 0	70° 0	40° 0	12th	82° 5	10th	352	400		65° 2	63° 1	
June -	291	230 <sup>1</sup>	56° 4	62° 6 <sup>1</sup>	56° 2	47° 4	65° 0	39° 5	10th	79° 0	8th	337	369 <sup>1</sup>		73° 5	66° 1 <sup>1</sup>	
July -	305	259	53° 3	60° 3	52° 2	42° 3	62° 1	35° 0	23rd	75° 0	16th	290	328		69° 8	62° 5	
August -	202	143	57° 0	61° 0	55° 4	46° 0	64° 7	36° 0	4th	77° 0	8th	339	408		72° 0	74° 6	
September -	265	208	60° 9	64° 7	58° 8	48° 2	69° 3	35° 5	19th	93° 0	30th	368	402		67° 3	65° 9	
October -	220	161	64° 3	65° 1	62° 0	52° 7	71° 3	46° 5	4th	86° 5	27th	429	452		71° 4	73° 2	
November -	159 <sup>1</sup>	114	70° 2 <sup>1</sup>	70° 0	67° 7	56° 3 <sup>1</sup>	79° 1 <sup>1</sup>	47° 0	27th	104° 5	4th	483 <sup>1</sup>	493		69° 3 <sup>1</sup>	69° 6	
December -	28° 129	28° 082 <sup>1</sup>	73° 2	73° 1 <sup>1</sup>	69° 1	57° 8	80° 4	50° 5	18th	96° 0	5th	520	560 <sup>1</sup>		65° 5	69° 9 <sup>1</sup>	
Year -	28° 205	28° 153	64° 5	68° 0	62° 9	52° 9	72° 9	—	—	—	—	424	463		69° 7	68° 0	

GRAHAM'S TOWN, CAPE OF GOOD HOPE (R.E.).

1859.	ins.	ins.										in.	in.	in.	%	%	%
January -	28° 091	28° 055 <sup>1</sup>	76° 7	76° 2 <sup>1</sup>	73° 2	62° 5	83° 8	52° 0	13th	99° 0	1, 28	583	600 <sup>1</sup>		65° 7	67° 7 <sup>1</sup>	
February -	125	075	71° 5	75° 2	70° 3	61° 0	79° 6	54° 0	26th	95° 0	14th	556	590		72° 2	66° 6	
March -	203	147	71° 5	77° 3	70° 8	61° 0	80° 5	54° 5	21st	94° 0	24th	541	586		71° 9	64° 9	
April -	240	193	65° 5	69° 5	64° 2	54° 1	74° 2	43° 0	21st	87° 0	12th	444	522		70° 5	72° 5	
May -	159	097 <sup>1</sup>	61° 2	66° 2	60° 0	50° 5	69° 5	41° 0	30th	88° 0	5th	356	383 <sup>1</sup>		66° 5	60° 6 <sup>1</sup>	
June -	291	238	58° 5 <sup>3</sup>	63° 5 <sup>2</sup>	57° 3 <sup>3</sup>	48° 1 <sup>3</sup>	66° 5 <sup>3</sup>	39° 0	19, 26	79° 0	16th	300 <sup>3</sup>	325 <sup>2</sup>		60° 7 <sup>3</sup>	57° 8 <sup>2</sup>	
July -	333	255	56° 7	64° 5	55° 5 <sup>1</sup>	44° 9 <sup>1</sup>	66° 0 <sup>1</sup>	37° 0	13th	75° 0	7, 25, 31	286	391		62° 0	64° 9	
August -	282	222	57° 1	62° 5	56° 0	46° 0	66° 0	36° 5	6th	80° 0	11th	306	324		65° 6	58° 9	
September -	200	141	63° 0	65° 0	61° 4	51° 3	71° 4	43° 0	1st	91° 0	28th	386	411		67° 8	67° 4	
October -	185	147	63° 0	63° 5	61° 1	51° 5	70° 6	43° 0	9th	84° 0	22nd	425	425		71° 6	71° 5	
November -	106 <sup>1</sup>	061	67° 3 <sup>1</sup>	68° 1	64° 1 <sup>1</sup>	54° 6 <sup>1</sup>	73° 5 <sup>1</sup>	44° 0	20th	91° 0	8th	464 <sup>1</sup>	500		70° 0 <sup>1</sup>	72° 2	
December -	28° 085	28° 045	73° 2	73° 5	69° 0	58° 5	79° 5	51° 0	31st	89° 5	2nd	502	512		62° 6	63° 2	
Year -	28° 192	28° 140	65° 4	68° 8	63° 6	53° 7	73° 4	—	—	—	—	429	464		67° 3	65° 7	

GRAHAM'S TOWN, CAPE OF GOOD HOPE (R.E.).

1860.	ins.	ins.										in.	in.	in.	%	%	%
January -	28° 147	28° 101	72° 8	76° 5	70° 3	57° 6	83° 0	48° 0	1st, 11th	104° 0	31st	516	545		65° 4	61° 8	
February -	085 <sup>1</sup>	034	75° 2 <sup>1</sup>	81° 1	74° 8 <sup>1</sup>	61° 9 <sup>1</sup>	87° 7 <sup>1</sup>	55° 0	7th, 22nd	107° 0	11th	575 <sup>1</sup>	610		67° 1 <sup>1</sup>	60° 1	
March -	138	091	69° 4	76° 7	70° 2 <sup>1</sup>	58° 0 <sup>1</sup>	82° 0	44° 0	23rd	103° 0	30th	530	622		74° 3	68° 9	
April -	294	237 <sup>1</sup>	67° 9	75° 8 <sup>1</sup>	66° 5	52° 4	80° 6	44° 0	3rd	96° 0	13th	412	439 <sup>1</sup>		61° 6	50° 7 <sup>1</sup>	
May -	208	155	62° 3	69° 0	61° 0	48° 8	73° 1	39° 0	18th	91° 0	1st	365	394		65° 3	57° 0	
June -	307	240	59° 0	69° 0	58° 0	45° 0	71° 0	34° 0	19th	82° 0	9th	294	344		58° 5	49° 5	
July -	281	229	57° 0	65° 5	56° 8	44° 1	69° 5	34° 0	8th	84° 0	29th	310	391		64° 2	60° 9	
August -	359	306 <sup>2</sup>	62° 4 <sup>1</sup>	70° 6 <sup>2</sup>	61° 7 <sup>1</sup>	49° 6 <sup>1</sup>	73° 8 <sup>1</sup>	40° 0	1st, 2nd	86° 0	30th	389 <sup>1</sup>	455 <sup>2</sup>		69° 7 <sup>1</sup>	63° 1 <sup>2</sup>	
September -	148	087	61° 9	68° 1	60° 4	46° 8	74° 0	37° 5	14th	89° 0	7th	334	386		59° 6	57° 7	
October -	204	174	66° 4	70° 9	64° 7	53° 0	76° 3	46° 0	2nd	93° 5	11th	449	507		70° 4	68° 0	
November -	28° 177	28° 139	65° 1	68° 8	63° 2	52° 4	74° 0	42° 0	4th, 5th	100° 0	21st	451	513		72° 7	73° 6	
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

GRAHAM'S TOWN.

1857.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	5.6	6.3		3.720	.800	22nd	14							0	5	4	25	2	23	1	2	0	
February -	4.9	5.7		2.710	.960	6th	7							4	5	7	11	3	17	1	8	0	
March -	5.3	5.5 <sup>1</sup>		2.540	1.170	15th	12							2	4	4	18	6	16	2	10	0	
April -	4.7 <sup>1</sup>	5.0		1.850	1.010	16th	6							1	1	1	10	3	26	7	11	0	
May -	2.6	3.1 <sup>1</sup>		0.800	.650	20th	4							0	1	2	3	3	14	9	30	0	
June -	3.1	3.0 <sup>1</sup>		0.590	.240	22nd	5							0	0	0	0	0	10	12	38	0	
July -	4.2	4.4		2.370	.900	16th	9							1	3	1	3	4	17	6	27	0	
August -	6.9	6.9		5.530	.960	27th	13							1	4	4	5	5	21	7	15	0	
September	5.8	5.5		2.260	.350	17th	11							4	14	2	5	8	15	4	8	0	
October -	6.6	6.8		2.310	.470	16, 29	17							0	7	4	6	11	25	2	7	0	
November	6.2	6.3		4.660	2.580	1st	14							0	7	6	19	6	18	1	3	0	
December	4.7	5.0		1.650	.400	3rd	14							0	5	7	13	5	25	6	1	0	
Year -	5.1	5.3		30.990	—	—	126							13	56	42	118	56	227	58	160	0	

GRAHAM'S TOWN.

				ins.	ins.																	
1858.																						
January -	4.3	4.5		2.780	1.000	16th	11							0	1	4	15	11	24	5	2	0
February -	3.8	4.3		1.460	.440	24th	10							1	6	3	16	9	17	1	3	0
March -	5.2	5.9		4.930	2.020	20th	13							0	8	7	10	3	22	1	11	0
April -	3.4	3.4		2.390	1.310	7th	7							2	6	2	7	2	11	8	22	0
May -	3.3	2.8		1.550	.440	12, 13	6							1	1	3	2	6	12	6	31	0
June -	3.3	3.2 <sup>1</sup>		1.610	.700	20th	8							0	2	2	1	2	21	13	19	0
July -	2.1	2.8		1.910	1.600	1st	4							0	1	0	3	2	17	14	25	0
August -	5.5	4.3		2.820	1.150	13th	12							1	2	1	4	2	21	9	22	0
September	4.6	4.1		0.570	.420	19th	6							1	5	4	7	2	28	4	9	0
October -	5.5	5.7		1.580	.900	3rd	9							1	6	9	15	10	18	2	1	0
November	4.7 <sup>1</sup>	5.6		2.010	.760	26th	9							1	3	7	16	5	23	1	4	0
December	5.2	5.2		2.470	.910	17th	9							1	4	3	12	12	26	1	3	0
Year -	4.2	4.3		26.080	—	—	104							9	45	45	108	66	240	65	152	0

GRAHAM'S TOWN.

				ins.	ins.																	
1859.																						
January -	4.7	5.5 <sup>1</sup>		1.190	.340	29th	5							1	5	5	21	5	21	1	3	0
February -	5.8	5.9		0.890	.320	18th	5							1	4	8	18	8	16	1	0	0
March -	4.4	4.7		1.280	.490	15th	9							0	3	10	14	12	21	2	0	0
April -	3.7	3.9		0.840	.530	12th	5							0	5	7	6	10	20	6	6	0
May -	4.4	4.7 <sup>1</sup>		2.090	1.300	24th	6							1	1	4	5	0	19	11	21	0
June -	3.6	3.1		1.000	.560	27th	5							—	—	—	—	—	—	—	—	—
July -	1.6	3.0		0.010	.010	19th	1							—	—	—	—	—	—	—	—	—
August -	4.0	5.0		0.730	.190	22nd	6							—	—	—	—	—	—	—	—	—
September	5.9	6.4		1.380	.950	30th	4							—	—	—	—	—	—	—	—	—
October -	6.1	6.5		3.940	.940	12th	10							—	—	—	—	—	—	—	—	—
November	6.1 <sup>1</sup>	6.8		8.490	3.540	12th	9							—	—	—	—	—	—	—	—	—
December	4.4	3.6		0.550	.320	13th	4							—	—	—	—	—	—	—	—	—
Year -	4.6	4.9		22.390	—	—	69							—	—	—	—	—	—	—	—	—

GRAHAM'S TOWN.

				ins.	ins.																	
1860.																						
January -	5.6	5.4		3.640	1.070	10th	7							—	—	—	—	—	—	—	—	—
February -	5.7 <sup>1</sup>	6.3		3.700	.840	13th	12							0	3	8	11	15	16	4	1	0
March -	5.2	6.0		2.770	1.020	3rd	10							1	3	7	12	16	17	4	1	0
April -	2.8	4.4 <sup>1</sup>		0.370	.170	24th	4							2	2	6	9	9	17	8	7	0
May -	3.3	4.5		1.670	.530	5th	8							2	3	1	4	7	14	21	10	0
June -	2.8	4.1		0.760	.400	18th	3							1	0	1	1	0	7	27	22	1
July -	2.5	4.7		1.550	1.110	23rd	2							2	1	1	3	5	11	25	14	0
August -	4.4	4.9 <sup>2</sup>		1.540	.680	7th	6							2	3	5	9	9	9	15	10	0
September	4.0	4.6		0.550	.280	28th	5							0	2	4	7	10	20	10	7	0
October -	4.8	6.9		9.640	3.500	7th	10							0	4	9	14	10	13	8	4	0
November	6.8	6.7		2.440	.620	29th	10							1	3	10	12	12	16	5	1	0
December	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



GRAHAM'S TOWN, CAPE OF GOOD HOPE (R.E.). Long. 26° 29' E. Lat. 33° 19' S. Height above Mean Sea Level, 1,750 feet.

1861.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%.	%.	%.	
January -	28° 102	28° 070	73° 7 <sup>1</sup>	79° 1	73° 0	60° 9	85° 1	51° 0	18th	102° 0	15th	590 <sup>1</sup>	683		71° 3 <sup>1</sup>	68° 9		
February -	158	112	71° 0	77° 6	68° 9	56° 5	81° 2	50° 0	2, 11, 27	103° 0	9th	524	620		69° 7	67° 3		
March -	165	116	70° 0	78° 2	69° 6	56° 4	82° 7	46° 0	9th	95° 0	5th, 11th	544	755		74° 2	78° 1		
April -	195	148	65° 8	73° 5	—	53° 5	—	43° 0	6th	—	—	468	622		74° 2	75° 4		
May -	188	127 <sup>1</sup>	61° 1	69° 8 <sup>1</sup>	—	48° 5	—	39° 5	19th	—	—	353 <sup>1</sup>	423 <sup>1</sup>		62° 6 <sup>1</sup>	59° 2 <sup>1</sup>		
June -	283	232 <sup>1</sup>	59° 6	67° 3 <sup>1</sup>	—	46° 0	—	36° 0	4th	—	—	330	417 <sup>1</sup>		64° 0	62° 5 <sup>1</sup>		
July -	345 <sup>1</sup>	291 <sup>1</sup>	58° 4 <sup>1</sup>	66° 3 <sup>1</sup>	—	43° 7 <sup>1</sup>	—	36° 0	9th	—	—	385 <sup>1</sup>	509 <sup>1</sup>		76° 8 <sup>1</sup>	78° 0 <sup>1</sup>		
August -	348	277	62° 7	72° 7	—	47° 5	—	36° 5	25th	—	—	504	728		85° 0	87° 8		
September	196	137 <sup>1</sup>	63° 5	69° 1 <sup>1</sup>	—	49° 1	—	41° 0	25th	—	—	484	592 <sup>1</sup>		82° 0	80° 3 <sup>1</sup>		
October -	238	180	66° 6	70° 9	—	53° 0	—	41° 5	17th	—	—	613	728		91° 0	91° 8		
November	148	093	68° 0	72° 5	—	51° 0	—	41° 0	8th	—	—	604	682		86° 1	85° 9		
December	28° 120	28° 082 <sup>2</sup>	72° 1	75° 1 <sup>2</sup>	71° 2 <sup>7</sup>	59° 6	83° 0 <sup>7</sup>	53° 0	11th	108° 0	26th	645	695 <sup>2</sup>		83° 4	81° 6 <sup>2</sup>		
Year -	28° 207	28° 155	66° 0	72° 7	—	—	—	—	—	—	—	504	621		76° 7	76° 4		

GRAHAM'S TOWN, CAPE OF GOOD HOPE (R.E.).

1862.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	28° 119 <sup>1</sup>	28° 071	72° 9 <sup>1</sup>	81° 0	71° 8	59° 1	84° 5	48° 0	24th	100° 0	4th	589 <sup>1</sup>	717		72° 8 <sup>1</sup>	69° 3	
February -	085	030 <sup>1</sup>	73° 8	83° 6 <sup>1</sup>	73° 0	60° 5	85° 5	52° 0	15th	102° 0	8th	657	883 <sup>1</sup>		78° 9	75° 8 <sup>1</sup>	
March -	28° 176	28° 121 <sup>1</sup>	70° 5	79° 8 <sup>1</sup>	69° 2 <sup>1</sup>	56° 9	81° 4 <sup>1</sup>	44° 0	28th	103° 0	18th	614	869 <sup>1</sup>		85° 5	83° 6 <sup>1</sup>	
April -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
May -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
June -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
July -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
August -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
September	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
October -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
November	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
December	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

GRAHAM'S TOWN, CAPE OF GOOD HOPE (A.M.D.).

Height above Mean Sea Level, 1,750 feet till October, then 1,700 feet.

1867.	9 a.m.	3 p.m.	9 a.m.	3 p.m.								9 a.m.	3 p.m.	in.	9 a.m.	3 p.m.	%
	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	28° 285	28° 228	57° 6	62° 0	60° 5	46° 9	74° 1	39° 0	3rd	84° 3	2nd, 31st	324	353		69	64	
September	353	303	58° 7	61° 3	—	47° 5	—	37° 0	4th	—	—	342	355		69	65	
October -	223	172	60° 9	62° 0	—	47° 7	—	40° 0	3rd	—	—	376	352		71	63	
November	272	220	65° 7	66° 1	—	52° 7 <sup>2</sup>	—	45° 3	5th	—	—	444	454		70	72	
December	28° 178	28° 144	68° 9	69° 2	71° 4	53° 9	88° 8	43° 8	16th	107° 0	9th	499	491		71	69	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

GRAHAM'S TOWN, CAPE OF GOOD HOPE (A.M.D.).

Height above Mean Sea Level, 1,700 feet.

1868.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	28° 168	28° 122	72° 8	72° 6	73° 7	55° 5	91° 9	40° 8	24th	104° 5	12th	524	534		66	67	
February -	187	131	68° 6	70° 2	70° 9 <sup>1</sup>	54° 0 <sup>1</sup>	87° 8	39° 0	6th	97° 0	15, 16	512	556		73	75	
March -	244	201	67° 2	69° 6	73° 2	54° 4	91° 9	43° 3	30th	103° 3	4th, 16th	457	467		68	64	
April -	262	215	62° 4	66° 8	67° 5 <sup>1</sup>	48° 9 <sup>1</sup>	86° 1	40° 0	20th	90° 3	11th	385	408		69	62	
May -	263	184	61° 3	64° 8	65° 9	47° 8	83° 9	39° 3	14th	87° 3	1st	368	364		68	59	
June -	430	363	58° 9	66° 2	63° 5	43° 5	83° 5	35° 3	29th	84° 8	19th	295	312		59	48	
July -	360	300	55° 8	61° 2	64° 2	43° 3	85° 1	34° 0	8th	94° 0	31st	288	286		64	53	
August -	358	310	58° 7	63° 8	66° 5	45° 9	87° 0	32° 5	17th	94° 5	7th	325	324		65	55	
September	247	187	61° 0	60° 8	66° 4 <sup>1</sup>	49° 1 <sup>1</sup>	83° 7	40° 5	6th	91° 0	23rd	383	381		72	72	
October -	289	248	60° 6	61° 6	65° 9	47° 6	84° 1	35° 8	1st	87° 5	1st	439	435		84	80	
November	225	172	67° 1	65° 1	68° 0 <sup>1</sup>	51° 4	84° 6 <sup>1</sup>	41° 5	5th	97° 0	21st	434	424		64	68	
December	28° 169	28° 118	70° 5	71° 1	73° 4	54° 5	92° 3	42° 3	8th	107° 0	13th	488	499		66	66	
Year -	28° 267	28° 213	63° 7	66° 2	68° 3	49° 7	86° 8	—	—	—	—	408	416		68° 2	64° 1	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

GRAHAM'S TOWN.

1861.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	5.1	6.2		ins. 1.520	ins. .850	16th	4							2	3	10	16	14	11	5	1	0		
February -	4.8	5.1		2.930	1.180	10th	9							4	5	9	10	14	11	2	1	0		
March -	4.0	4.2		3.430	1.130	12th	10							1	3	8	6	14	17	10	3	0		
April -	4.6	4.7		2.170	.810	10th	10							1	4	4	6	9	18	14	4	0		
May -	3.0	3.3 <sup>1</sup>		1.010	.300	13th	5							2	1	0	1	2	22	23	11	0		
June -	3.2	3.2 <sup>1</sup>		0.970	.730	6th	3							2	1	0	0	3	17	24	13	0		
July -	2.6 <sup>1</sup>	3.7 <sup>1</sup>		1.280	.920	8th	4							4	1	1	0	4	18	23	11	0		
August -	3.2	2.6		0.500	.360	5th	2							5	3	3	4	5	15	15	12	0		
September -	5.2	4.6 <sup>1</sup>		2.030	1.030	11th	7							2	1	2	14	14	13	11	3	0		
October -	5.9	6.0		2.600	.740	16th	10							1	4	10	13	14	15	5	0	0		
November -	5.5	4.9		1.820	.790	10th	9							0	1	8	11	14	17	8	1	0		
December -	6.4	6.2 <sup>2</sup>		3.390	.790	16th	11							1	2	13	16	11	13	4	2	0		
Year -	4.5	4.6		23.650	—	—	84							25	29	68	97	118	187	144	62	0		

GRAHAM'S TOWN.

1862.				ins.	ins.																	
January -	4.4 <sup>1</sup>	5.1		0.440	.190	1st	4							1	1	10	17	14	18	1	0	0
February -	4.7	4.7 <sup>1</sup>		1.670	.750	4th	8							0	3	14	13	10	13	2	1	0
March -	4.1	5.0 <sup>1</sup>		1.040	.260	21st	9							0	4	7	14	17	14	5	1	0
April -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
May -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
June -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
July -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
August -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
September -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
October -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
November -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
December -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

GRAHAM'S TOWN.

1867.	9 a.m.	3 p.m.		ins.	ins.																	
January -																						
February -																						
March -																						
April -																						
May -																						
June -																						
July -																						
August -	3.2	2.9		7.500	5.700	13th	8	0	0	1				0	0	6	7	12	12	12	10	3
September -	4.2	3.6		2.510	.690	14th	12	0	0	0				0	1	7	11	9	13	9	8	2
October -	3.5	4.7		3.640	1.230	2nd	10	0	0	0				0	4	4	9	10	22	8	5	0
November -	4.4	3.1		9.330	2.520	22nd	13	0	0	1				2	2	13	11	14	8	2	8	0
December -	4.2	4.2		1.490	.300	14, 15	10	0	0	1				1	2	7	16	15	16	3	2	0
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

GRAHAM'S TOWN.

1868.				ins.	ius.																	
January -	4.1	5.0		0.910	.230	29th	16	0	2	0				0	4	9	19	11	16	1	2	0
February -	5.3	5.2		3.880	1.280	5th	14	0	0	4				1	7	5	11	15	12	5	2	0
March -	3.4	4.8		1.580	1.180	31st	8	0	0	1				1	6	7	12	10	19	5	2	0
April -	7.6	5.6		2.120	.810	16th	11	0	0	1				0	2	2	6	11	13	16	8	2
May -	4.2	4.4		0.790	.260	13th	8	0	0	1				1	1	2	3	6	14	29	5	1
June -	2.5	2.8		0.030	.020	23rd	2	0	0	0				1	0	2	0	2	8	28	16	3
July -	2.6	3.0		2.620	1.170	20th	5	0	0	0				2	3	0	5	5	11	26	10	0
August -	4.4	4.0		3.590	2.120	28th	8	0	0	1				2	3	4	9	6	12	17	8	1
September -	6.5	5.7		3.360	2.540	2nd	9	0	0	1				2	1	9	6	7	17	12	5	1
October -	5.3	5.0		1.570	1.280	14th	16	0	0	2				0	6	7	17	8	17	3	4	0
November -	5.0	3.3		1.700	.400	10th	8	0	0	1				0	1	7	11	10	17	6	7	1
December -	4.0	3.6		4.120	2.020	16th	7	0	0	3				0	3	7	8	12	21	7	4	0
Year -	4.6	4.4		26.270	—	—	112	0	2	15				10	37	61	107	103	177	155	73	9

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



GRAHAM'S TOWN, CAPE OF GOOD HOPE (A.M.D.). Long. 26° 29' E. Lat. 33° 19' S. Height above Mean Sea Level, 1,700 feet.

1869.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°	8th	105°6	21st	in.	in.	in.	%	%	%
January -	28°198	28°157	73°3	73°4	75°1	58°2	92°0	35°9	8th	105°6	21st	525	535		64	65	
February -	228	170	74°4	75°7	75°7	59°4	92°0	34°0	16th	114°0	10th	546	535		64	60	
March -	229	176	67°5	67°2	71°3	55°6	87°0	45°0	23rd	97°6	7th	486	486		72	73	
April -	245	186	65°1	69°5	67°3	49°9	84°7	40°0	21st	97°3	25th	409	408		67	56	
May -	178	101	60°7	67°1	64°5	46°2	82°8	34°6	28th	90°0	6th	312	316		59	48	
June -	254	204	58°2	65°4	63°4	45°9	80°8	36°0	25th	82°9	11, 12	312	334		64	53	
July -	329	274	55°9	65°6	61°0	41°2	80°7	32°0	9, 10	84°5	29th	249	250		55	40	
August -	335	282	58°3	65°3	65°5	43°8	87°2	35°0	23rd	93°0	7th	269	283		55	45	
September	210	153	61°5	62°9	67°9	48°3	87°5	38°0	16th	97°8	24th	335	304		62	53	
October -	157	110	63°5	64°8	69°7	50°9	88°4	45°5	5th, 18th	94°0	20th	420	415		71	68	
November	111	28°066	66°3	67°1	70°6	52°5	88°6	41°5	13th	96°3	22nd	452	467		71	70	
December	28°046 <sup>1</sup>	27°999	68°8	69°7	67°3	52°8	81°7	44°8	18th	99°8	7th	451	458		64	63	
Year	28°210	28°157	64°5	67°8	68°3	50°4	86°1	—	—	—	—	397	399		64°0	57°8	

NOTE.—The high temperature on February 10th is specially remarked upon by the observer. It occurred during a hot wind.

GRAHAM'S TOWN, CAPE OF GOOD HOPE (A.M.D.).

1870.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	28°025	27°980	68°9	72°3	69°5	56°8	82°2	45°8	8th	103°5	17th	492	492		69	62	
February -	085	28°045	68°5	71°9	70°8	59°3	82°2	52°3	26th	98°5	2nd	553	580		79	74	
March -	125	064	68°3	73°3	69°1	56°8	81°3	45°8	17th	95°3	12th	506	533		73	65	
April -	217	167	63°0	67°7	64°1	51°7	76°4	43°0	5th, 25th	92°0	21st	423	416		74	61	
May -	28°139	28°087	55°8	61°7	55°6	44°5	66°7	32°0	28th	75°8	1st	321	322		72	58	
June -																	
July -																	
August -																	
September																	
October -																	
November																	
December																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

CAPE TOWN (A.M.D.).

Long. 18° 27' E. Lat. 33° 56' S. Height above Mean Sea Level, 27 feet.

1870.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -																	
February -																	
March -																	
April -																	
May -																	
June -																	
July -																	
August -																	
September																	
October -																	
November	29°927	29°879	67°5	75°2	69°5	57°3	81°7	48°0	4th	99°0	20th	454	451		67	51	
December	29°914	29°863	69°6	74°4	69°2	56°8	81°6	44°3	15th	106°0	20th	453	452		62	53	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

CAPE TOWN (A.M.D.).

1871.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	29°885	29°840	70°0	74°5	70°3	58°7	81°8	52°8	29th	91°3	29th	438	437		60	51	
February -	893	840	68°0	75°9	70°7	57°1	84°3	52°3	11th	99°0	4th, 26th	433	432		60	48	
March -	29°972	918	66°6	73°4	68°3	56°7	79°8	49°5	24th	95°3	3rd	426	429		66	52	
April -	30°038	987	64°3	71°3	65°8	54°2	77°4	43°0	29th	91°0	11th	473	473		79	62	
May -	029	29°978	61°5	66°2	63°0	53°3	72°6	40°5	23rd	88°8	1st	483	561		89	87	
June -	140	30°089	57°1	61°1	59°1	50°1	68°0	40°0	18th	87°0	1st	382	396		81	74	
July -	157	100	56°7	60°7	57°4	47°5	67°2	39°0	13th	75°3	14th	346	361		75	68	
August -	094	042	57°7	60°7	58°5	49°0	68°0	37°8	11th	84°0	18th	366	382		77	72	
September	086	30°033	61°5	67°1	62°8	52°2	73°4	45°5	6th	93°0	13th	445	473		81	72	
October -	30°044	29°995	64°9	68°4	64°0	52°6	75°4	45°5	5th	89°0	25th	388	383		62	55	
November	29°966	926	65°2	70°3	65°9	53°9	77°8	48°0	6th	90°0	24th	408	389		66	52	
December	29°934	29°898	70°3	75°6	70°7	58°2	83°1	53°3	15th	100°0	31st	437	426		59	48	
Year -	30°020	29°971	63°7	68°8	64°7	53°6	75°7	—	—	—	—	419.	429		71°3	61°8	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

## GRAHAM'S TOWN.

GRAHAM'S TOWN.

CAPE TOWN.

CAPE TOWN.

[illegible]



## CAPE TOWN (A.M.D.).

Long. 18° 27' E. Lat. 33° 56' S. Height above Mean Sea Level, 27 feet.

1872.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	29.917	29.878	69.4	76.6	71.0	58.0	83.9	50.0	20th	103.0	24th	.431	.427		60	47	
February -	.952	.911	71.0	76.5	72.3	60.1	84.5	50.5	27th	102.3	10th	.507	.472		67	52	
March -	29.918	.863	67.5	73.6	69.5	57.6	81.4	50.5	15th	96.0	7th	.465	.448		69	54	
April -	30.015	.953	64.6	70.1	67.7	53.9	81.5	47.8	21st	96.5	11th	.403	.401		66	55	
May -	.024	29.978	61.0	65.3	63.8	52.5	75.0	42.0	27th	92.0	3rd	.407	.402		77	65	
June -	.183	30.132	58.0	62.1	60.0	47.4	72.5	35.0	29th	83.3	5th	.370	.379		77	69	
July -	.134	30.079	56.4	61.8	58.5	47.7	69.3	40.5	1st, 21st	78.0	2nd, 5th	.375	.385		83	70	
August -	.045	29.993	58.9	61.7	58.5	49.4	67.6	38.5	11th	85.0	4th	.403	.397		81	72	
September	.126	30.080	60.2	63.5	58.4	47.3	69.5	39.8	20th	86.0	29th	.385	.381		74	65	
October -	30.004	29.952	64.1	68.3	63.8	52.0	75.5	45.0	9th	98.0	31st	.451	.449		76	65	
November	29.968	.924	66.3	69.6	65.2	54.0	76.3	44.0	8th	99.8	21st	.425	.462		66	64	
December	29.903	29.858	70.2	74.7	68.9	56.3	81.4	50.3	16th	99.0	31st	.483	.520		65	60	
Year -	30.016	29.967	64.0	68.7	64.8	53.0	76.5	—	—	—	—	.425	.427		71.8	61.5	

## CAPE TOWN (A.M.D.).

1873.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	29.833	29.791	74.0	80.9	74.8	60.9	88.6	56.5	31st	102.0	21st	.532	.530		63	49	
February -	.911	.873	70.8	76.5	70.5	57.5	83.4	53.0	13th	95.0	8th	.466	.478		62	53	
March -	.946	.902	67.9	74.3	68.5	55.9	81.0	50.0	23rd	90.0	29th	.474	.476		69	56	
April -	.999	.968	64.8	70.1	65.3	53.9	76.7	48.3	15th	93.5	27th	.424	.434		70	59	
May -	29.999	29.949	62.2	66.2	62.1	52.4	71.7	44.0	22nd	94.8	5th	.403	.400		72	63	
June -	30.121	30.085	58.1	61.7	58.5	49.6	67.4	42.0	24th	83.8	10, 11	.387	.402		79	73	
July -	.107	.055	59.3	61.4	58.4	50.0	66.8	44.8	15, 17	80.0	3rd	.401	.423		79	78	
August -	.106	.058	59.1	61.2	57.0	47.1	66.8	40.0	25th	79.0	29th	.379	.395		75	74	
September -	.106	.058	60.7	64.4	59.6	48.9	70.2	41.8	14th	88.8	6th	.393	.404		74	66	
October -	30.048	30.001	63.4	66.3	61.1	49.4	72.8	43.0	28th	85.8	12th	.413	.423		71	66	
November -	29.998	29.946	68.5	71.3	66.3	53.1	79.5	45.0	8th, 9th	95.0	25th	.458	.471		65	61	
December -	29.925	29.893	70.5	74.1	68.8	56.6	80.9	46.0	3rd	100.0	16th	.482	.494		65	58	
Year -	30.008	29.965	64.9	69.0	64.2	52.9	75.5	—	—	—	—	.434	.444		70.3	63.0	

## CAPE TOWN (A.M.D.).

1874.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	29.903	29.863	73.2	77.5	70.7	56.2	85.2	42.5	27th	98.3	17th	.506	.516		62	54	
February -	.921	.878	70.1	75.7	69.7	56.2	83.2	47.5	22nd	93.5	14th	.428	.456		59	51	
March -	29.902	.857	68.5	73.0	68.9	57.2	80.6	50.2	16th	93.6	18th	.496	.472		71	58	
April -	30.027	29.993	62.4	65.3	62.5	54.8	70.1	47.8	18th	83.8	10th	.457	.443		81	71	
May -	.123	30.065	58.6	63.4	58.3	48.9	67.7	41.4	16th	79.0	25th	.396	.425		80	73	
June -	.223	.158	56.8	62.0	55.7	45.1	66.3	34.4	24th	79.8	27th	.394	.433		85	78	
July -	.231	.180	54.2	57.7	53.0	45.0	61.0	38.0	31st	69.2	7th	.366	.381		87	79	
August -	.137	.076	58.4	62.3	57.2	47.7	66.7	38.8	22nd	82.2	22nd	.385	.395		79	70	
September -	.094	30.049	62.2	66.3	60.2	49.5	70.9	40.4	18th	95.0	11th	.403	.387		72	61	
October -	30.039	29.998	64.0	67.6	61.0	49.0	73.0	40.0	21st	88.8	26th	.406	.402		68	60	
November -	29.965	.930	65.9	70.2	64.5	53.4	75.6	43.2	22nd	96.4	19th	.433	.427		69	58	
December -	29.908	29.877	73.5	75.0	—	—	83.5	—	—	100.8	30th	.439	.437		53	51	
Year -	30.039	29.994	64.0	68.0	—	—	73.7	—	—	—	—	.426	.431		72.2	63.7	

## CAPE TOWN (A.M.D.).

1875.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	29.872	29.830	73.9	79.6	70.3	54.9	85.7	37.2	22nd	99.0	10th	.492	.482		59	47	
February -	.860	.822	71.5	78.0	69.6	55.6	83.6	41.8	6th	102.6	6th	.483	.466		62	49	
March -	29.923	.874	69.7	75.4	70.3	57.2	83.4	49.8	7th	100.2	3rd	.471	.449		67	53	
April -	30.033	.969	64.4	70.7	64.3	53.0	75.5	46.0	30th	95.0	8th	.406	.414		67	55	
May -	.036	29.986	59.3	63.9	59.8	51.6	68.0	41.4	10th	81.0	11th	.404	.393		81	66	
June -	.103	30.045	54.9	59.3	55.3	47.6	63.0	36.4	15th	70.4	8th	.368	.388		85	77	
July -	30.272	30.225	57.6	62.1	56.0	45.9	66.1	36.8	18th	78.8	6th	.377	.392		80	71	
August -																	
September -																	
October -																	
November -																	
December -																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

CAPE TOWN.

1872.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	3.5	1.8		0.750	.260	5th	4	0	0	0														
February -	2.9	1.6		0.210	.090	12th	3	0	0	0														
March -	4.6	2.8		0.870	.380	26th	4	0	0	0														
April -	3.9	2.6		0.280	.280	17th	1	0	0	0														
May -	5.7	4.7		3.890	.980	18th	13	0	0	0														
June -	4.8	3.6		3.630	.590	19th	13	0	0	0														
July -	5.2	4.3		2.290	.470	27th	11	0	0	0														
August -	5.8	5.3		4.570	2.030	19th	15	0	1	1														
September -	3.4	2.8		1.270	.490	8th	8	0	0	0														
October -	5.4	4.3		0.540	.170	5th	6	0	0	0														
November -	5.2	3.4		0.590	.220	3rd	4	0	0	0														
December -	4.9	2.9		0.530	.460	28th	3	0	0	0				7	1	0	14	2	1	15	22	0		
Year -	4.6	3.3		19.420	—	—	85	0	1	1				—	—	—	—	—	—	—	—	—	—	

CAPE TOWN.

1873.				ins.	ins.																		
January -	2.7	1.9		0.300	.270	6th	2	0	0	0				12	3	0	24	1	1	8	13	0	
February -	2.7	1.4		0.150	.100	28th	2	0	0	0				10	5	0	16	1	0	9	15	0	
March -	4.1	3.3		0.450	.340	11th	2	0	0	0				11	11	2	18	1	0	8	11	0	
April -	4.3	2.7		1.140	.490	9th	4	0	0	0				12	5	1	16	1	0	5	18	2	
May -	4.8	4.6		2.430	1.220	16th	11	0	0	1				4	6	2	15	1	2	5	26	1	
June -	5.5	6.0		3.790	.830	14th	11	0	0	0				4	7	1	1	0	3	12	27	5	
July -	5.5	5.4		2.740	.660	23rd	10	0	0	0				9	7	0	13	0	1	5	27	0	
August -	4.0	3.5		2.490	.560	19th	10	0	0	0				2	1	0	13	0	0	11	30	5	
September -	5.7	3.7		0.880	.520	14th	4	0	0	0				5	5	1	11	2	0	9	24	3	
October -	4.1	3.8		0.810	.580	8th	5	0	0	0				6	3	1	10	1	5	11	25	0	
November	4.1	3.5		0.260	.140	27th	2	0	0	1				1	4	0	27	1	2	11	14	0	
December	2.7	1.5		0.930	.620	3rd	3	0	0	0				7	4	0	22	0	4	3	22	0	
Year -	4.2	3.4		16.370	—	—	66	0	0	2				83	61	8	186	9	18	97	252	16	

CAPE TOWN.

1874.				ins.	ins.																		
January -	0.9	0.4		0.260	.260	23rd	1	0	0	0				3	1	0	27	0	2	4	21	4	
February -	1.1	1.3		0.000	.000	—	0	0	0	0				3	0	0	19	1	1	1	23	8	
March -	4.2	3.3		0.970	.520	3rd	5	0	0	0				8	5	1	15	1	1	6	25	0	
April -	6.2	4.8		2.810	.940	19th	13	0	0	0				9	5	1	7	1	2	12	23	0	
May -	5.9	4.3		0.790	.250	3rd	8	0	0	0				8	5	3	6	6	2	18	14	0	
June -	4.1	4.2		1.010	.450	21st	9	0	0	2				7	8	2	11	2	2	13	15	0	
July -	5.3	4.6		4.920	.960	5th	17	0	0	0				10	2	2	13	1	5	9	20	0	
August -	5.4	5.1		1.830	.500	10th	9	0	0	0				3	5	1	11	2	3	14	23	0	
September -	3.8	3.5		0.910	.340	28th	6	0	1	0				4	2	1	18	2	3	5	25	0	
October -	4.2	4.0		0.640	.450	6th	4	0	1	1				5	6	2	17	2	1	7	22	0	
November -	5.9	5.0		1.310	.570	9th	6	0	0	1				11	2	1	10	4	3	12	17	0	
December -	3.5	3.0		0.000	.000	—	0	0	0	0				4	2	2	35	2	0	3	14	0	
Year -	4.2	3.6		15.450	—	—	78	0	2	4				75	43	16	189	24	25	104	242	12	

CAPE TOWN.

1875.				ins.	ins.																	
January -	2'2	2'9		0'000	'000	—	0	0	0	0			9	1	1	28	0	0	3	20	0	
February -	3'9	3'2		1'450	'810	22nd	3	0	0	1			5	1	0	19	2	0	4	25	0	
March -	4'5	3'6		0'020	'020	28th	1	0	0	1			2	3	0	17	1	3	4	32	0	
April -	4'4	4'7		0'120	'050	26th	3	0	0	0			2	3	3	17	1	4	5	25	0	
May -	6'0	6'2 <sup>2</sup>		0'360	'130	22nd	6	0	0	0			4	3	3	13	0	1	13	25	0	
June -	6'3	5'6		3'050	'730	20th	15	0	0	1			4	5	4	7	0	2	18	20	0	
July -	4'4 <sup>1</sup>	3'1		0'280	'150	15th	3	0	0	0			3	5	1	15	3	11	10	14	0	
August -																						
September																						
October -																						
November																						
December																						
Year -	—	—		—	—	—	—	—	—	—			—	—	—	—	—	—	—	—	—	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## TRINCOMALEE (A.M.D.).

Long. 82° 0' E. Lat. 8° 30' N. Height above Mean Sea Level, 25 feet.

1865.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°	—	°	—	in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	87.7	88.7	85.0	75.7	94.3	72.0	13th	98.0	30th	1.106	1.124	—	84	83	—
May -	—	—	88.8	92.6	87.3	77.3	97.2	75.2	23rd	100.3	11th	1.020	1.092	—	75	71	—
June -	—	—	88.3	93.9	87.5	77.9	97.1	75.0	7th	99.5	21st	.927	.937	—	69	60	—
July -	—	—	86.1	92.9	85.6	75.5	95.6	71.5	25th	99.0	13, 23	.858	1.095	—	68	70	—
August -	—	—	85.1	91.8	85.4	74.9	95.8	69.0	4th	99.0	18th	.891	1.064	—	74	72	—
September -	—	—	87.0	95.2	86.5	74.7	98.2	70.0	8th, 29th	101.2	22nd	.837	1.188	—	65	71	—
October -	—	—	85.6	90.2	82.8	72.8	92.7	69.0	1st, 2nd	97.0	1st, 2nd	.806	1.040	—	66	73	—
November -	—	—	83.2	84.8	80.9	71.8	90.0	62.3	24th	94.6	6th, 13th	.804	.815	—	70	68	—
December -	—	—	81.7	82.4	79.9	73.1	86.7	69.0	30th	90.3	4th	.795	.750	—	73	68	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## TRINCOMALEE (A.M.D.).

1866.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	81.9	82.9	80.1	73.0	87.2	66.0	17th	89.3	31st	.738	.754	—	68	67	—
February -	—	—	82.6	84.4	81.2	72.9	89.5	70.0	10, 19	93.6	5th	.761	.759	—	68	64	—
March -	—	—	85.4	87.1	82.8	72.5	93.1	69.0	4th, 5th	95.6	25, 28, 29	.804	.829	—	66	64	—
April -	—	—	88.6	89.6	86.3	75.8	96.7	75.0	1, 11, 29	98.9	17th	.865	.880	—	64	63	—
May -	—	—	89.6	95.2	89.0	77.4	100.5	70.0	3rd	103.6	14, 17	.848	.826	—	60	49	—
June -	—	—	88.7	93.7	88.5	77.3	99.7	75.0	21st	103.7	30th	.793	.772	—	58	49	—
July -	—	—	86.8	93.3	86.5	74.4	98.5	67.5	4th	102.6	2nd	.800	.865	—	61	56	—
August -	—	—	86.2	92.0	86.1	73.6	98.5	67.4	16th	101.5	3rd	.819	.894	—	64	59	—
September -	—	—	86.2	90.1	86.7	74.5	98.8	67.5	26th	102.4	13th	.778	.840	—	61	60	—
October -	—	—	84.1	87.2	82.9	72.2	93.6	68.6	19th	101.4	4th	.811	.871	—	70	67	—
November -	—	—	80.9	83.1	79.1	70.9	87.3	66.5	29th	92.0	8th	.828	.822	—	79	73	—
December -	—	—	79.5	81.9	78.5	70.8	86.1	64.5	19th	89.5	9th	.793	.792	—	80	72	—
Year -	—	—	85.0	88.4	84.0	73.8	94.1	—	—	—	—	.803	.825	—	66.6	61.9	—

## TRINCOMALEE (A.M.D.).

1867.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	81.7	85.5	80.1	72.3	87.8	68.0	7th, 12th	90.0	12, 23, 27	.743	.717	—	69	58	—
February -	—	—	81.6	85.1	79.8	71.2	88.3	63.5	19, 20	91.5	23rd	.745	.724	—	70	60	—
March -	—	—	84.7	87.3	82.4	72.9	91.8	68.6	12th	95.0	26th	.817	.770	—	68	58	—
April -	—	—	87.2	90.7	84.1	73.3	94.8	71.0	6th, 21st	98.6	17th	.847	.845	—	65	59	—
May -	—	—	87.2	92.6	85.5	74.0	96.9	66.0	19th	104.0	9, 10	.825	.869	—	63	56	—
June -	—	—	87.9	96.2	87.0	75.0	98.9	72.2	28th	103.6	27th	.749	.798	—	58	46	—
July -	—	—	85.3	90.9	85.4	73.9	96.8	69.6	9th	102.4	1st	.794	.788	—	64	53	—
August -	—	—	85.6	90.2	86.0	73.2	98.7	69.4	22nd	102.4	11, 24	.767	.717	—	62	50	—
September -	—	—	83.7	90.5	84.1	72.4	95.7	68.4	30th	100.0	20th	.766	.726	—	68	50	—
October -	—	—	83.1	88.2	81.6	70.9	92.2	68.8	5th	98.4	1st	.810	.775	—	72	58	—
November -	—	—	81.9	82.6	79.3	70.3	88.2	64.8	17th	94.2	11th	.787	.712	—	72	64	—
December -	—	—	79.8	82.0	78.6	70.1	87.0	63.0	21st	93.8	27th	.757	.670	—	75	60	—
Year -	—	—	84.1	88.5	82.8	72.5	93.1	—	—	—	—	.784	.759	—	67.2	56.0	—

## TRINCOMALEE (A.M.D.).

1868.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	80.1	81.5	78.5	70.6	86.3	66.2	18th	89.0	31st	.769	.746	—	75	70	—
February -	—	—	82.3	84.4	79.8	70.8	88.8	65.2	20th	92.6	26th	.784	.776	—	71	66	—
March -	—	—	83.4	87.2	81.7	70.9	92.5	66.2	1st	94.8	18th	.804	.803	—	70	61	—
April -	—	—	87.1	88.7	85.1	73.7	96.4	70.2	21st	106.8	30th	.868	.895	—	68	66	—
May -	—	—	86.7	89.3	87.4	74.1	100.7	71.8	25th	108.4	10th	.881	.945	—	69	68	—
June -	—	—	86.3	92.7	85.8	73.8	97.8	71.0	4th	102.2	23rd	.831	.804	—	65	53	—
July -	—	—	85.2	89.5	84.1	72.3	95.9	68.6	19th	100.8	30th	.791	.791	—	64	57	—
August -	—	—	85.5	91.1	86.1	73.3	98.9	69.0	23rd	104.6	22nd	.795	.820	—	64	56	—
September -	—	—	85.8	92.3	85.5	72.6	98.4	68.6	3rd	104.6	22nd	.754	.739	—	61	48	—
October -	—	—	82.7	87.7	82.5	71.2	93.7	68.4	29th	102.0	1st	.854	.871	—	76	66	—
November -	—	—	81.5	83.7	80.0	70.4	89.5	66.8	19th	94.8	1st	.802	.795	—	75	69	—
December -	—	—	80.7	81.0	78.3	70.0	86.6	65.4	13th	89.6	18th	.803	.807	—	78	76	—
Year -	—	—	83.9	87.4	82.9	72.0	93.8	—	—	—	—	.811	.816	—	69.7	63.0	—

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

TRINCOMALEE.

1865.	Amount of Cloud.			Rainfall.			Weather. No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Show.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
February -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
March -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
April -	4.0	3.2		2.440	.840	21st	7	0	0	3				0	12	0	35	1	12	0	0	0		
May -	4.6	4.4		1.830	.950	23rd	10	0	0	2				0	0	1	0	0	61	0	0	0		
June -	3.9	3.2		0.470	.430	8th	2	0	0	1				0	0	1	0	0	59	0	0	0		
July -	4.6	4.2		6.435	2.225	23rd	9	0	0	7				4	0	0	0	0	51	7	0	0		
August -	5.5	4.1		4.340	2.250	4th	7	0	0	2				0	0	0	2	0	36	24	0	0		
September -	2.4	3.0		3.230	.890	2nd	7	0	0	5				0	2	4	8	0	32	12	2	0		
October -	5.3	4.3		13.415	2.890	20th	19	0	0	4				0	3	3	27	1	19	2	5	2		
November -	5.1	5.5		13.310	3.760	24th	16	0	0	5				1	5	2	11	1	23	9	8	0		
December -	5.9	5.5		10.860	2.230	28th	20	0	0	1				3	30	1	8	0	4	2	14	0		
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—		

TRINCOMALEE.

				ins.	ins.																		
1866.																							
January -	3.5	3.4		2.720	1.590	14th	8	0	0	0				5	33	12	8	0	0	2	2	0	0
February -	3.4	3.2		4.390	1.560	9th	8	0	0	1				1	29	7	14	0	3	0	2	0	0
March -	1.5	0.7		0.000	.000	—	0	0	0	0				0	6	3	34	4	12	2	0	1	0
April -	2.4	1.7		0.590	.470	6th	2	0	0	2				0	0	4	38	1	17	0	0	0	0
May -	1.6	2.5		3.480	2.120	3rd	4	0	0	2				0	0	0	5	5	39	13	0	0	0
June -	3.1	4.2		0.600	.600	29th	1	0	0	1				0	0	0	2	1	32	24	1	0	0
July -	3.8	4.8		2.330	.650	6th	7	0	0	7				0	0	0	5	11	37	9	0	0	0
August -	2.8	4.6		4.000	2.130	17th	6	0	0	10				0	0	0	15	9	31	7	0	0	0
September -	2.1	5.8		2.820	1.200	27th	7	0	0	8				0	0	0	16	8	36	0	0	0	0
October -	3.7	3.8		8.390	3.020	27th	17	0	0	4				0	7	1	8	16	29	1	0	0	0
November -	5.6	4.3		23.340	6.600	26th	21	0	0	3				0	41	11	1	3	2	1	1	0	0
December -	6.9	4.6		17.710	3.520	6th	21	0	0	2				1	57	3	0	0	1	0	0	0	0
Year -	3.4	3.6		70.370	—	—	102	0	0	40				7	173	41	146	58	239	59	6	1	1

TRINCOMALEE.

				ins.	ins.																		
1867.																							
January -	3.9	3.1		1.420	.410	8th	6	0	0	0				1	60	0	0	0	1	0	0	0	0
February -	5.7	3.0		2.310	.560	2nd	8	0	0	1				1	55	0	0	0	0	0	0	0	0
March -	2.4	1.5		0.110	.100	9th	2	0	0	0				0	43	9	5	0	1	4	0	0	0
April -	2.7	2.1		0.400	.130	19th	6	0	0	2				0	10	15	18	0	16	1	0	0	0
May -	3.3	2.4		4.440	2.100	12th	8	0	0	7				0	0	1	8	0	43	10	0	0	0
June -	2.5	2.2		0.380	.360	27th	2	0	0	3				0	0	0	0	0	57	3	0	0	0
July -	4.2	4.4		6.250	4.700	8th	5	0	0	10				0	0	0	0	0	62	0	0	0	0
August -	3.9	4.3		6.160	2.320	28th	8	0	0	10				0	3	0	1	2	47	9	0	0	0
September -	5.4	5.3		6.070	1.700	21st	10	0	0	7				0	4	0	0	10	42	4	0	0	0
October -	4.9	4.8		6.600	.870	10th	21	0	0	7				0	24	2	3	4	29	0	0	0	0
November -	4.2	5.3		8.560	1.720	28th	18	0	0	3				0	40	15	2	0	1	2	0	0	0
December -	4.5	4.3		7.550	2.420	22nd	16	0	0	0				0	57	3	0	0	0	2	0	0	0
Year -	4.0	3.6		50.250	—	—	110	0	0	50				2	296	45	37	16	299	35	0	0	0

TRINCOMALEE.

				ins.	ins.																		
1868.																							
January -	5.8	5.0		10.960	2.230	22nd	18	0	0	3				0	61	1	0	0	0	0	0	0	0
February -	3.7	3.8		1.590	.760	3rd	7	0	0	2				3	49	2	1	0	1	2	0	0	0
March -	3.6	3.6		0.500	.460	31st	4	0	0	2				0	33	10	16	0	3	0	0	0	0
April -	2.9	4.1		0.580	.380	21st	3	0	0	3				0	12	30	14	0	4	0	0	0	0
May -	4.0	5.8		4.650	2.110	21st	17	0	0	19				0	6	27	13	0	14	0	2	0	0
June -	5.2	6.2		1.070	.650	30th	8	0	0	3				0	3	1	9	0	47	0	0	0	0
July -	5.2	6.9		3.670	2.860	4th	7	0	0	5				0	3	9	7	0	42	0	1	0	0
August -	5.2	5.2		2.280	2.070	3rd	3	0	0	6				0	3	0	0	0	59	0	0	0	0
September -	4.0	4.7		3.020	2.090	3rd	6	0	0	8				0	8	1	0	0	51	0	0	0	0
October -	5.9	7.2		10.410	4.020	26th	27	0	0	22				0	33	3	1	0	25	0	0	0	0
November -	5.9	7.0		8.600	2.470	28th	21	0	0	1				0	46	1	3	0	9	1	0	0	0
December -	7.3	7.4		30.250	4.930	2nd	25	0	0	1				0	61	0	0	0	1	0	0	0	0
Year -	4.9	5.6		77.580	—	—	146	0	0	75				3	318	85	64	0	256	3	3	0	0



## TRINCOMALEE (A.M.D.).

Long. 82° 0' E. Lat. 8° 30' N. Height above Mean Sea Level, 25 feet.

1869.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%.	%.	%.	
January -	—	—	81°·8	83°·7	79°·7	71°·5	87°·8	68°·0	4th	91°·2	29th	·807	·786		75	68		
February -	—	—	83°·4	86°·6	81°·5	71°·3	91°·7	65°·4	16th	94°·8	28th	·769	·755		67	59		
March -	—	—	84°·9	88°·4	82°·9	71°·8	94°·0	70°·0	9th	96°·4	13th	·851	·808		70	60		
April -	—	—	86°·3	90°·5	85°·7	73°·7	97°·7	68°·2	27th	105°·0	14th	·884	·892		70	62		
May -	—	—	88°·1	94°·5	88°·0	75°·3	100°·7	70°·2	28th	105°·0	22nd	·822	·840		61	52		
June -	—	—	87°·2	94°·8	87°·2	75°·2	99°·2	74°·0	19th	103°·0	11th	·772	·713		59	43		
July -	—	—	86°·9	93°·6	86°·9	73°·6	100°·2	69°·0	10th	104°·0	25th	·777	·773		60	49		
August -	—	—	83°·2	90°·4	84°·2	72°·4	96°·0	68°·0	13th	100°·4	31st	·803	·826		71	58		
September -	—	—	84°·5	89°·7	84°·2	72°·0	96°·3	66°·8	6th	103°·4	5th	·819	·847		69	61		
October -	—	—	85°·3	90°·6	84°·3	71°·4	97°·1	67°·4	11th	103°·4	20th	·785	·758		64	53		
November -	—	—	80°·9	83°·0	79°·5	69°·5	89°·5	65°·8	25th	92°·4	6th	·846	·828		81	74		
December -	—	—	81°·2	83°·3	79°·3	70°·3	88°·3	67°·6	29th	90°·0	14, 24	·808	·801		76	71		
Year -	—	—	84°·5	89°·1	83°·6	72°·3	94°·9	—	—	—	—	·812	·802		68°·6	59°·2		

## TRINCOMALEE (A.M.D.).

1870.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	—	—	79.2	81.9	78.1	69.3	86.8	60.4	2nd	93.8	16th	.803	.829		.81	.76	
February -	—	—	81.7	84.3	79.5	69.7	89.3	64.8	6th	95.0	6th	.804	.804		.74	.68	
March -	—	—	84.6	88.1	82.7	72.4	93.0	69.0	10th	97.4	29th	.875	.882		.74	.67	
April -	—	—	86.8	92.9	85.4	73.1	97.7	70.0	6th, 21st	104.2	24th	.888	.891		.70	.59	
May -	—	—	87.9	97.2	88.0	74.6	101.4	70.2	31st	105.8	5th	.854	.824		.64	.47	
June -	—	—	86.1	93.7	85.6	72.5	98.6	68.4	26th	106.0	5th	.839	.864		.67	.55	
July -	—	—	83.6	91.5	84.1	71.7	96.4	64.2	23rd	101.0	16th	.797	.870		.70	.58	
August -	—	—	83.5	91.0	83.5	71.0	95.9	68.6	6th, 26th	101.4	23rd	.802	.872		.70	.60	
September -	—	—	83.7	91.2	83.6	71.4	95.8	67.4	8th	102.0	30th	.799	.782		.69	.53	
October -	—	—	82.8	90.6	82.9	70.2	95.5	68.0	17th	101.6	2nd	.819	.847		.73	.59	
November -	—	—	82.7	88.6	81.4	69.8	92.7	65.2	20th	99.0	5th, 6th	.816	.836		.73	.61	
December -	—	—	81.1	83.2	79.7	70.3	89.0	66.0	21st	91.4	1st, 11th	.796	.812		.76	.71	
Year -	—	—	83.6	89.5	82.8	71.3	94.3	—	—	—	—	.824	.843		71.8	61.2	

## TRINCOMALEE (A.M.D.).

1871.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	—	—	80.0	82.1	78.6	69.5	87.6	63.8	8th	94.2	21st	.798	.792		.78	.73	
February -	—	—	81.7	85.3	79.3	68.3	90.2	62.0	5th	95.2	9th	.804	.781		.74	.63	
March -	—	—	84.2	86.8	81.9	71.1	92.6	66.8	6th	95.4	29th	.866	.856		.73	.67	
April -	—	—	86.5	91.4	84.7	72.9	96.5	70.4	26th	102.2	23rd	.920	.894		.72	.60	
May -	—	—	86.8	93.4	86.1	73.3	98.8	68.2	15th	102.4	29th	.949	.932		.73	.60	
June -	—	—	86.4	94.2	87.1	74.4	99.7	72.2	23rd	102.0	25th	.916	.918		.73	.58	
July -	—	—	83.8	91.7	86.1	72.3	99.9	68.2	22nd	104.2	25th	.811	.934		.70	.63	
August -	—	—	84.8	92.0	85.7	71.3	100.1	68.2	9th, 15th	104.0	21st	.848	.870		.71	.58	
September -	—	—	84.3	92.8	85.2	71.0	99.3	65.2	16th	105.8	29th	.855	.842		.73	.54	
October -	—	—	85.1	86.6	83.1	70.1	96.0	67.0	22, 28	104.0	3rd, 4th	.793	.844		.65	.66	
November -	—	—	81.7	82.2	81.3	71.3	91.3	65.0	19th	100.2	13th	.846	.850		.78	.77	
December -	—	—	81.1	83.3	80.4	70.5	90.3	65.0	21st	96.4	24th	.787	.761		.75	.67	
Year -	—	—	83.9	88.5	83.3	71.3	95.2	—	—	—	—	.849	.856		72.9	63.8	

## TRINCOMALEE (A.M.D.).

1872.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	—	—	81.4	81.1	79.6	70.7	88.4	64.0	8th	92.0	25th	.765	.809		.71	.77	
February -	—	—	82.0	83.1	80.3	70.1	90.5	64.0	10th	92.0	15, 21, 27	.755	.795		.69	.71	
March -	—	—	85.0	85.9	81.6	70.0	93.2	65.0	1st	96.0	21, 25, 30	.864	.886		.71	.70	
April -	—	—	87.6	87.3	83.3	71.8	94.7	65.4	30th	100.4	24th	.873	.865		.67	.67	
May -	—	—	89.6	91.9	87.5	75.1	99.8	63.6	1st	104.2	24th	.863	.966		.62	.65	
June -	—	—	87.6	88.3	86.5	74.0	99.0	73.0	9, 28, 30	103.2	6th	.814	.913		.62	.69	
July -	—	—	87.3	88.2	—	—	99.9	—	—	102.2	14th	.819	.880		.63	.66	
August -	—	—	86.2	87.6	—	—	98.2	—	—	101.4	26, 30	.861	.898		.68	.69	
September -	—	—	84.5	86.9	—	—	95.3	—	—	100.0	3, 22, 28	.867	.854		.73	.66	
October -	—	—	84.3	86.5	—	—	95.6	—	—	99.0	1, 7, 20	.888	.899		.75	.70	
November -	—	—	82.3	84.7	—	—	90.4	—	—	93.0	9th, 29th	.920	.974		.83	.82	
December -	—	—	82.4	85.1	79.8	69.5	90.0	66.4	4th, 15th	91.4	5th	.884	.982		.80	.81	
Year -	—	—	85.0	86.4	—	—	94.6	—	—	—	—	.848	.893		70.3	71.1	

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

TRINCOMALEE.

1869.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	6.1	6.8		ins. 6.580	ins. 3.830	4th	18	0	0	1				0	62	0	0	0	0	0	0	0
February -	5.5	4.7		0.750	.250	11th	6	0	0	0				4	35	5	5	1	6	0	0	0
March -	3.5	4.0		0.000	.000	—	0	0	0	3				0	35	15	8	0	4	0	0	0
April -	4.4	6.3		3.190	.870	27th	8	0	0	11				3	13	15	25	0	4	0	0	0
May -	4.9	6.6		1.310	1.090	28th	5	0	0	7				0	5	7	38	0	12	0	0	0
June -	6.0	7.1		0.020	.020	18th	1	0	0	0				0	0	8	31	0	21	0	0	0
July -	4.9	7.3		1.550	.850	29th	5	0	0	9				0	4	2	10	0	46	0	0	0
August -	6.5	7.6		3.140	1.040	1st	10	0	0	7				0	5	3	8	0	46	0	0	0
September -	6.2	7.6		5.910	3.210	6th	12	0	0	13				0	10	4	4	0	42	0	0	0
October -	4.5	6.8		3.400	1.210	30th	7	0	0	6				0	6	4	0	0	52	0	0	0
November -	6.6	7.4		22.060	2.840	15th	23	0	0	2				0	45	0	0	0	15	0	0	0
December -	5.9	6.6		8.730	1.610	8th	21	0	0	0				0	62	0	0	0	0	0	0	0
Year -	5.4	6.6		56.640	—	—	116	0	0	59				7	282	63	129	1	248	0	0	0

TRINCOMALEE.

1870.				ins. 11.310	ins. 2.120	7th	18	0	0	3				0	59	0	2	0	1	0	0	0
January -	7.0	6.7		11.310	2.120	7th	18	0	0	3				0	59	0	2	0	1	0	0	0
February -	5.3	4.7		1.500	1.250	15th	4	0	0	0				0	50	0	6	0	0	0	0	0
March -	4.1	3.6		0.720	.560	18th	3	0	0	1				0	48	0	14	0	0	0	0	0
April -	4.2	4.6		0.260	.100	21st	5	0	0	7				0	33	0	27	0	0	0	0	0
May -	4.5	5.0		0.510	.420	5th	4	0	0	5				0	31	0	31	0	0	0	0	0
June -	5.4	6.5		3.730	1.450	26th	9	0	0	12				0	6	0	23	4	27	0	0	0
July -	5.7	5.3		4.120	1.040	23rd	6	0	0	6				0	4	0	32	9	17	0	0	0
August -	5.6	6.1		7.410	3.260	25th	10	0	0	6				0	10	1	28	2	21	0	0	0
September -	5.0	4.9		5.280	2.720	8th	8	0	0	5				0	0	0	2	0	58	0	0	0
October -	5.2	6.0		4.230	1.620	3rd	12	0	0	7				0	12	0	2	0	48	0	0	0
November -	4.7	4.6		9.250	3.830	11th	13	0	0	0				0	38	1	1	0	20	0	0	0
December -	6.1	6.0		9.660	3.950	12th	18	0	0	2				0	59	0	1	0	2	0	0	0
Year -	5.2	5.3		57.980	—	—	110	0	0	54				0	350	2	169	15	194	0	0	0

TRINCOMALEE.

1871.				ins. 26.740	ins. 7.810	13th	18	0	0	5				0	61	0	1	0	0	0	0	0
January -	5.9	6.3		26.740	7.810	13th	18	0	0	5				0	61	0	1	0	0	0	0	0
February -	4.2	4.6		3.940	1.110	1st	10	0	0	0				0	46	0	10	0	0	0	0	0
March -	4.5	4.6		2.520	1.430	5th	5	0	0	2				0	51	0	11	0	0	0	0	0
April -	5.1	5.1		0.640	.320	23rd	4	0	0	4				0	48	8	4	0	0	0	0	0
May -	4.6	5.3		3.330	2.150	2nd	6	0	0	3				0	14	0	17	0	31	0	0	0
June -	6.0	5.7		0.000	.000	—	0	0	0	0				0	0	0	0	0	60	0	0	0
July -	6.1	6.3		0.860	.830	22nd	3	0	0	1				0	0	0	0	0	62	0	0	0
August -	6.1	5.6		2.260	.640	5th	6	0	0	4				0	0	0	0	0	62	0	0	0
September -	4.1	5.6		8.960	3.030	16th	11	0	0	4				0	0	0	0	0	60	0	0	0
October -	3.6	4.7		10.350	3.580	22nd	17	0	0	0				0	13	3	3	2	41	0	0	0
November -	5.2	5.2		17.580	2.100	28th	23	0	0	0				0	51	0	0	2	7	0	0	0
December -	4.8	4.7		13.350	4.100	28th	16	0	0	1				0	62	0	0	0	0	0	0	0
Year -	5.0	5.3		90.530	—	—	119	0	0	24				0	346	11	46	4	323	0	0	0

TRINCOMALEE.

1872.				ins. 4.170	ins. 2.000	16th	13	0	0	0				0	58	0	0	4	0	0	0	0
January -	4.2	3.9		4.170	2.000	16th	13	0	0	0				0	58	0	0	4	0	0	0	0
February -	3.6	2.9		1.220	.500	2nd	7	0	0	1				0	58	0	0	0	0	0	0	0
March -	1.0	0.8		0.050	.050	6th	1	0	0	0				0	62	0	0	0	0	0	0	0
April -	2.4	3.0		2.900	.900	30th	7	0	0	0				0	56	0	0	0	4	0	0	0
May -	1.7	1.3		1.550	1.550	1st	1	0	0	0				0	0	0	0	0	62	0	0	0
June -	3.5	3.5		0.100	.100	11th	1	0	0	0				0	0	0	0	0	60	0	0	0
July -	1.9	1.8		2.000	1.000	31st	5	0	0	0				0	0	0	0	0	62	0	0	0
August -	2.0	2.1		3.970	1.750	31st	11	0	0	1				0	0	0	0	0	62	0	0	0
September -	3.1	2.6		3.130	1.100	9th	8	0	0	0				0	0	0	0	0	60	0	0	0
October -	3.3	3.0		7.970	1.350	19th	14	0	0	0				0	0	8	0	0	54	0	0	0
November -	4.3	4.3		20.320	3.620	13th	27	0	0	0				0	56	0	0	0	0	4	0	0
December -	4.4	2.8		10.980	4.100	5th	17	0	0	0				0	62	0	0	0	0	0	0	0
Year -	3.0	2.7		58.360	—	—	112	0	0	2				0	352	8	0	4	364	4	0	0



## TRINCOMALEE (A.M.D.).

Long. 82° 0' E. Lat. 8° 30' N. Height above Mean Sea Level, 25 feet.

1873.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.	81°·4	85°·3	79°·8	70°·5	89°·0	64°·0	17th	91°·4	19th	·743	·937		69	77	
February -	—	—	81°·1	84°·2	80°·6	71°·1	90°·1	67°·0	4th	93°·0	28th	·814	·935		77	79	
March -	—	—	85°·5	87°·7	82°·4	70°·9	93°·8	67°·0	3rd, 5th	97°·2	16th	·808	·919		65	70	
April -	—	—	86°·0	88°·5	84°·9	72°·1	97°·6	70°·0	1, 2, 3	100°·6	28th	·880	·914		70	68	
May -	—	—	87°·6	91°·0	86°·4	73°·0	99°·8	70°·0	24, 25	106°·8	21st	·859	·867		66	59	
June -	—	—	88°·2	91°·8	88°·5	76°·0	100°·9	74°·0	2nd	103°·4	17th	·824	·850		61	57	
July -	—	—	89°·4	94°·0	88°·4	74°·8	101°·9	70°·0	27, 28, 29	106°·6	10th	·783	·798		56	50	
August -	—	—	85°·5	89°·7	84°·7	72°·7	96°·7	69°·0	20th	101°·0	4th	·899	·851		64	61	
September	—	—	87°·9	93°·8	86°·2	72°·3	100°·1	69°·0	26, 29	103°·2	17, 19	·765	·767		57	48	
October -	—	—	85°·0	88°·1	83°·1	71°·2	94°·9	68°·0	3rd	99°·2	3rd	·808	·849		66	64	
November	—	—	82°·3	84°·6	79°·5	69°·3	89°·6	65°·0	2nd	93°·2	8th	·843	·884		77	74	
December	—	—	82°·6	85°·7	79°·4	70°·1	88°·7	69°·0	14th	93°·0	6th	·837	·923		76	75	
Year -	—	—	85°·2	88°·7	83°·7	72°·0	95°·3	—	—	—	—	·822	·875		67°·0	65°·2	

## TRINCOMALEE (A.M.D.).

1874.	ins.	ins.	82°0	85°1	79°5	70°8	88°2	66°0	15th	91°0	22nd	in.	in.	in.	%	%	%
January -	—	—	82°0	85°1	79°5	70°8	88°2	66°0	15th	91°0	22nd	in.	in.	in.	%	%	%
February -	—	—	82°3	86°3	80°5	70°6	90°4	64°0	10th	92°4	6th	794	876		73	72	
March -	—	—	84°3	87°7	81°9	70°6	93°1	65°0	4th	99°0	25th	848	913		77	72	
April -	—	—	89°0	91°7	84°6	72°3	96°9	70°0	4, 8, 29	104°0	14th	870	876		74	66	
May -	—	—	87°5	90°4	85°1	72°5	97°7	64°0	5th	102°0	7, 8, 11	852	861		61	58	
June -	—	—	86°4	88°5	85°4	72°8	97°9	67°0	10th	103°0	20th	861	845		66	59	
July -	—	—	85°8	87°7	84°9	72°6	97°2	70°0	6, 17, 20	101°2	2nd	835	856		66	63	
August -	—	—	86°2	86°9	85°3	71°8	98°8	70°0	19th	101°4	2nd	826	857		66	65	
September -	—	—	84°4	86°3	83°3	70°9	95°7	68°0	13th	99°0	3rd, 27th	838	868		66	67	
October -	—	—	84°7	86°1	83°0	70°7	95°3	67°0	17th	101°4	10th	844	870		71	69	
November -	—	—	82°6	85°2	80°3	70°0	90°6	68°0	30th	95°0	3rd	840	863		70	69	
December -	—	—	81°5	83°1	78°4	69°6	87°2	66°0	10th	92°5	11th	903	938		82	77	
Year -	—	—	84°7	87°1	82°7	71°3	94°1	—	—	—	—	845	877		70°8	68°1	

## TRINCOMALEE (A.M.D.).

1875.	ins.	ins.	80°8	84°4	78°2	68°5	87°9	64°0	14th	91°5	25, 31	in.	in.	in.	%	%	%
January -	—	—	80°8	84°4	78°2	68°5	87°9	64°0	14th	91°5	25, 31	in.	in.	in.	%	%	%
February -	—	—	82°8	86°3	81°4	71°0	91°8	67°0	16th	95°2	14th	848	853		82	72	
March -	—	—	84°7	88°8	83°5	71°8	95°2	70°0	6, 15, 30	97°6	12th	774	812		70	64	
April -	—	—	88°5	93°1	85°9	73°7	98°1	70°0	21st	102°0	25th	829	853		69	60	
May -	—	—	89°8	91°9	86°9	73°4	100°4	68°0	30th	102°2	4th	828	828		61	54	
June -	—	—	86°7	89°8	85°5	73°4	97°2	71°0	12, 14	102°0	2nd	795	817		56	54	
July -	—	—	88°6	92°5	87°1	74°3	99°8	72°0	1st	103°6	10th	787	818		61	59	
August -	—	—										768	799		56	52	
September -	—	—															
October -	—	—															
November -	—	—															
December -	—	—															
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## KANDY (A.M.D.).

Long. 80° 48' E. Lat. 7° 18' N. Height above Mean Sea Level, 1,678 feet.

1866.	ins.	ins.	77°0	82°3	75°9	62°6	89°1	56°0	21st	92°9	26th	in.	in.	in.	%	%	%
January -	—	—	77°0	82°3	75°9	62°6	89°1	56°0	21st	92°9	26th	in.	in.	in.	%	%	%
February -	—	—	80°1	87°5	77°8	61°7	93°9	50°0	28th	97°5	15th	620	696		67	64	
March -	—	—	83°2	93°8	80°9	63°3	98°4	60°0	13th	102°0	23, 26, 29	769	797		74	60	
April -	—	—	89°3	89°2	82°8	66°5	99°1	61°0	5th	105°0	2nd	789	911		69	58	
May -	—	—	86°7	85°8	81°8	67°0	96°6	64°0	24th	101°5	25th	872	998		62	73	
June -	—	—	79°4	80°9	80°4	68°2	92°6	64°0	20th	98°4	8th	796	799		62	64	
July -	—	—	76°8	79°2	79°8	66°3	93°2	64°1	7th	98°5	15th	751	777		74	74	
August -	—	—	78°0	81°2	—	65°8	—	61°0	19th	—	—	726	750		78	75	
September -	—	—	78°5	81°0	—	64°7	—	59°0	22nd	—	—	697	720		73	68	
October -	—	—	79°4	81°5	—	64°5	—	56°0	5th	—	—	686	695		70	66	
November -	—	—	78°1	76°1	—	63°1	—	56°0	28th	—	—	700	711		69	67	
December -	—	—	76°8	78°5	—	62°9	—	56°2	21st	—	—	712	724		74	81	
Year -	—	—	80°3	83°1	—	64°7	—	—	—	—	—	732	773		70°3	68°5	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

## TRINCOMALEE.

1873.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	4.6	3.2		ins. 0.860	ins. .600	11th	7	0	0	0				0	62	0	0	0	0	0	0	0		
February -	4.1	2.6		10.090	3.750	17th	10	0	0	1				0	56	0	0	0	0	0	0	0		
March -	2.0	1.3		1.250	.600	21st	5	0	0	2				0	62	0	0	0	0	0	0	0		
April -	1.8	1.2		8.480	2.400	1st	9	0	0	0				0	6	22	0	0	32	0	0	0		
May -	2.0	1.6		5.150	3.200	24th	4	0	0	2				0	0	0	0	0	62	0	0	0		
June -	3.1	2.3		0.000	.000	—	0	0	0	0				0	0	0	0	0	60	0	0	0		
July -	1.9	1.9		3.430	2.600	27th	3	0	0	3				0	0	0	0	0	62	0	0	0		
August -	2.5	2.3		2.240	1.160	6th	6	0	0	0				0	0	12	0	0	50	0	0	0		
September	2.3	2.2		3.450	2.500	26th	10	0	0	5				0	0	5	0	0	55	0	0	0		
October -	3.9	3.7		9.560	4.000	6th	15	0	0	0				0	0	0	0	0	62	0	0	0		
November	4.2	4.5		16.520	6.450	18th	18	0	0	0				0	40	0	0	0	0	0	20	0		
December	3.9	4.0		8.120	1.600	15th	24	0	0	0				0	62	0	0	0	0	0	0	0		
Year -	3.0	2.6		69.150	—	—	111	0	0	13				0	288	39	0	0	383	0	20	0		

## TRINCOMALEE.

1874.				ins.	ins.																	
January -	3.0	3.0		2.130	.900	24th	10	0	0	0				0	44	18	0	0	0	0	0	0
February -	2.6	3.1		3.250	3.050	19th	3	0	0	0				0	14	42	0	0	0	0	0	0
March -	2.3	2.5		2.040	1.800	17th	3	0	0	0				0	0	51	0	0	11	0	0	0
April -	1.6	1.9		0.080	.040	17, 28	2	0	0	0				0	8	48	0	0	4	0	0	0
May -	3.2	3.1		2.740	1.050	16th	7	0	0	0				0	0	2	0	0	60	0	0	0
June -	3.4	3.3		3.300	1.220	11th	7	0	0	0				0	0	0	0	0	60	0	0	0
July -	2.7	3.7		6.900	2.640	6th	8	0	0	1				0	0	0	0	0	62	0	0	0
August -	2.5	5.0		4.060	1.400	13th	11	0	0	1				0	0	2	0	0	60	0	0	0
September -	3.0	4.9		10.930	2.400	16th	14	0	0	1				0	0	14	0	0	46	0	0	0
October -	3.2	5.4		9.550	3.600	18th	8	0	0	2				0	0	13	0	5	44	0	0	0
November -	6.0	5.2		9.450	3.200	13th	17	0	0	0				5	28	12	0	4	10	1	0	0
December -	4.9	6.2		14.190	2.540	17th	21	0	0	0				8	27	3	7	0	0	2	15	0
Year -	3.2	3.9		68.620	—	—	111	0	0	5				13	121	205	7	9	357	3	15	0

## TRINCOMALEE.

1875.				ins.	ins.																	
January -	4.3	4.1		0.810	.460	5th	3	0	0	0				0	45	0	0	4	0	0	13	0
February -	2.2	2.0		0.000	.000	—	0	0	0	0				0	56	0	0	0	0	0	0	0
March -	2.6	2.0		1.140	.600	7th	8	0	0	1				0	19	25	1	0	16	0	1	0
April -	2.2	2.4		0.610	.450	21st	3	0	0	0				0	8	29	0	0	23	0	0	0
May -	1.7	3.3		1.260	.540	25th	6	0	0	1				0	0	15	0	0	47	0	0	0
June -	3.8	4.3		1.920	1.240	10th	4	0	0	0				0	1	3	0	0	56	0	0	0
July -	3.1	3.3		0.020	.020	31st	1	0	0	0				0	0	0	0	0	62	0	0	0
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

Thermometers, 2 feet above ground. Rain-gauge, 3 feet above ground.

## KANDY.

1866.				ins.	ins.																	
January -	2.5	3.6		5.850	2.100	15th	8	0	0	0				0	53	0	0	0	0	0	0	9
February -	1.9 <sup>1</sup>	2.0 <sup>2</sup>		0.475	.350	11th	5	0	0	1				0	29	0	0	0	0	0	0	27
March -	1.8	2.1		0.150	.100	11th	2	0	0	0				0	21	0	0	0	0	0	0	41
April -	2.1	3.4 <sup>2</sup>		0.581	.101	22nd	9	0	0	0				0	12	0	0	0	1	0	0	47
May -	3.2	4.2		0.370	.370	27th	1	0	0	3				0	1	0	0	0	25	11	17	8
June -	6.4	6.5		6.890	1.180	25th	16	0	0	0				0	0	0	0	0	0	1	53	6
July -	5.7	5.4		6.950	1.580	17th	21	0	0	3				0	0	0	0	0	0	6	35	21
August -	5.5	5.5		7.120	1.680	6th	17	0	0	2				0	0	0	0	0	0	4	32	26
September -	5.3	6.6		3.250	1.090	10th	10	0	0	2				0	0	0	0	0	0	21	13	26
October -	4.9	6.5		5.680	.990	16th	18	0	0	6				0	2	0	0	0	25	0	0	35
November -	3.5	8.0		14.078	2.390	15th	15	0	0	4				0	14	0	0	0	0	0	0	46
December -	3.9	6.4		11.650	2.920	12th	15	0	0	7				0	29	0	1	0	2	0	1	29
Year -	3.9	5.0		63.044	—	—	137	0	0	28				0	161	0	1	0	53	43	151	321

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## KANDY (A.M.D.).

Long. 80° 48' E. Lat. 7° 18' N. Height above Mean Sea Level, 1,678 feet.

1867.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.	77°·4	82°·8	—	62°·5	—	55°·6	27th	—	—	in.	in.	in.	%	%	%
February -	—	—	78°·9 <sup>11</sup>	87°·8 <sup>11</sup>	—	60°·5 <sup>11</sup>	—	53°·5	12, 14	—	—	.570	.627	.615 <sup>11</sup>	.61	.57	
March -	—	—	81°·6	90°·9	—	64°·5	—	60°·0	12th	—	—	.714	.691	.702	.63 <sup>11</sup>	.48 <sup>11</sup>	
April -	—	—	83°·5	86°·7	—	65°·7	—	61°·4	28th	—	—	.767	.794	.782	.66	.61	
May -	—	—	80°·1	81°·5	—	66°·2	—	62°·6	19th	—	—	.792	.853	.822	.77	.80	
June -	—	—	79°·6	82°·8	—	67°·2	—	62°·6	22nd	—	—	.765	.797	.781	.75	.71	
July -	—	—	77°·8	80°·2	—	64°·6	—	49°·4	11th	—	—	.752	.776	.764	.79	.75	
August -	—	—	78°·7	82°·3	—	65°·1	—	58°·7	17th	—	—	.745	.758	.751	.75	.69	
September -	—	—	77°·8	81°·2	—	64°·7	—	53°·2	30th	—	—	.750	.803	.776	.79	.76	
October -	—	—	77°·8	82°·3	—	63°·8	—	56°·5	1st	—	—	.797	.833	.815	.83	.76	
November -	—	—	77°·5	83°·6	—	62°·9	—	58°·6	17th	—	—	.792	.787	.789	.84	.68	
December -	—	—	76°·2	83°·8	—	60°·9	—	52°·0	21st	—	—	.757	.762	.759	.83	.65	
Year -	—	—	78°·9	83°·8	—	64°·1	—	—	—	—	—	.735	.760	.747	74·3	66·2	

## KANDY (A.M.D.).

1868.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	76.2	84.2	—	62.2	—	57.2	12th	—	—	.642	.684	.663	.71	.58	
February -	—	—	79.4	85.1	—	61.8	—	52.2	28th	—	—	.601	.651	.626	.59	.54	
March -	—	—	81.7	87.2	—	67.6	—	56.6	6th	—	—	.613	.705	.659	.55	.54	
April -	—	—	83.6	85.1	81.0	65.0	97.0	62.0	27th	100.6	25th	.724	.695	.709	.63	.57	
May -	—	—	83.3	85.1	81.8	65.4	98.2	63.0	6, 16, 18	104.2	12th	.720	.699	.709	.64	.59	
June -	—	—	79.5	83.3	78.5	65.3	91.7	62.0	18th	98.4	1st	.701	.721	.711	.71	.65	
July -	—	—	76.5	79.6	75.9	64.1	87.7	62.0	17th	93.0	24th	.709	.697	.703	.77	.69	
August -	—	—	78.4	80.7	77.1	65.4	88.7	61.0	31st	93.0	20th	.716	.717	.716	.74	.68	
September -	—	—	79.5	81.7	78.2	65.2	91.1	62.0	27th	96.0	23rd	.720	.715	.717	.73	.67	
October -	—	—	79.7	83.6	79.3	64.3	94.3	61.0	4th	100.2	17th	.720	.716	.718	.70	.62	
November -	—	—	76.0	79.6	77.1	61.9	92.3	54.0	9th	100.4	13th	.675	.705	.690	.75	.70	
December -	—	—	75.5	78.9	75.9	62.9	88.9	55.6	14th	94.2	2nd	.689	.688	.688	.78	.70	
Year -	—	—	79.1	82.8	—	64.3	—	—	—	—	—	.686	.699	.692	69.2	62.8	

## KANDY (A.M.D.).

1869.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	76.5	81.9	77.1	63.8	90.4	58.4	10th	98.0	30th	.685	.679	.682	.75	.63	
February -	—	—	78.6	84.0	77.8	62.3	93.3	52.4	2nd	96.8	7th	.653	.702	.677	.68	.59	
March -	—	—	83.8	89.3	81.6	64.3	98.9	61.0	9th	105.0	30th	.702	.697	.700	.60	.50	
April -	—	—	83.8	89.1	81.3	65.3	97.3	60.4	5th	104.0	8th	.746	.773	.759	.65	.56	
May -	—	—	82.8	88.1	80.5	66.5	94.5	62.0	14th	103.8	7th	.749	.799	.774	.67	.60	
June -	—	—	76.9	79.2	76.0	66.9	85.0	64.5	10th	91.0	12th	.750	.773	.761	.80	.77	
July -	—	—	77.4	80.4	76.9	66.0	87.8	62.4	27th	100.8	27th	.729	.768	.743	.77	.74	
August -	—	—	77.3	80.6	76.3	64.6	87.9	60.0	21st, 31st	95.0	9th	.726	.766	.746	.77	.71	
September -	—	—	78.2	81.1	76.5	64.8	88.2	63.0	6, 23, 25	94.0	6th	.714	.723	.718	.76	.72	
October -	—	—	79.7	80.3	76.9	63.5	90.3	57.0	21, 22	100.0	25th	.718	.719	.718	.70	.69	
November -	—	—	77.9	80.9	77.0	63.1	90.9	60.0	30th	98.5	6th	.704	.722	.713	.80	.72	
December -	—	—	77.0	82.9	76.8	62.0	91.5	56.5	19th	97.0	2nd	.658	.706	.682	.71	.64	
Year -	—	—	79.2	83.2	77.9	64.4	91.3	—	—	—	—	.711	.736	.723	72.2	65.6	

## KANDY (A.M.D.).

1870.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	75.7	79.1	74.6	61.1	88.0	54.0	14th	96.0	18th	.659	.689	.674	.74	.69	
February -	—	—	76.5	87.3	77.6	60.5	94.7	55.0	3rd	99.0	15th	.646	.658	.652	.71	.50	
March -	—	—	80.6	89.2	80.3	63.7	96.9	58.5	11th	101.0	13th	.667	.686	.676	.64	.50	
April -	—	—	84.0	88.6	81.0	63.6	98.4	60.0	5th, 7th	104.0	12th	.722	.683	.702	.61	.50	
May -	—	—	83.8	87.7	81.9	66.8	97.0	62.0	3rd	105.0	22nd	.721	.734	.727	.62	.56	
June -	—	—	79.1	82.1	77.7	64.7	90.6	61.5	26th	102.5	27th	.734	.740	.737	.74	.68	
July -	—	—	77.2	79.6	77.7	65.4	90.0	62.0	31st	102.0	23rd	.723	.743	.733	.71	.70	
August -	—	—	78.1	79.0	78.1	64.5	91.6	62.0	12, 22, 25	101.0	23, 24	.764	.729	.746	.75	.73	
September -	—	—	80.6	85.1	81.0	65.0	97.0	62.4	20th	100.6	30th	.724	.695	.709	.63	.57	
October -	—	—	78.7	81.7	75.6	62.7	88.4	57.5	5th	98.0	2nd	.724	.702	.713	.74	.65	
November -	—	—	81.3	85.0	76.9	60.8	92.9	54.0	25th	97.0	29th	.664	.671	.667	.54	.57	
December -	—	—	77.4	82.5	76.2	61.6	90.7	56.4	22nd	95.5	1st, 27th	.641	.666	.653	.68	.59	
Year -	—	—	79.4	83.9	78.2	63.4	93.0	—	—	—	—	.699	.700	.699	67.6	60.3	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, 3 feet above ground.

KANDY.

1867.	Amount of Cloud.			Rainfall.			Weather, No. of days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	2.3	4.6		ins.	ins.	10th	5	0	0	0				0	59	0	0	0	0	0	0	3		
February -	1.3 <sup>11</sup>	3.4 <sup>11</sup>		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—		
March -	2.5	5.2		3.860	2.080	8th	7	0	0	11				0	33	5	0	0	10	0	0	14		
April -	4.0	8.6		5.790	1.200	28th	15	0	0	10				0	13	0	0	0	18	0	0	29		
May -	6.2	9.2		10.950	2.440	19th	24	0	0	16				0	0	0	0	0	43	0	0	19		
June -	6.9	6.9		2.290	.580	12th	16	0	0	0				0	0	0	0	0	59	0	0	1		
July -	7.0	6.2		9.700	4.760	10th	19	0	0	3				0	0	0	0	0	58	0	0	4		
August -	5.9	3.9		3.710	.640	28th	18	0	0	1				0	0	0	0	0	61	0	0	1		
September	6.5	5.0		2.100	.560	11th	15	0	0	0				0	0	0	0	0	60	0	0	0		
October -	5.6	6.1		11.380	2.200	28th	17	0	0	4				0	1	0	0	0	55	0	0	6		
November	4.1	4.9		6.160	2.020	1st	11	0	0	3				0	49	0	0	0	2	0	0	9		
December	2.5	3.8		2.360	1.100	17th	7	0	0	0				0	57	0	0	0	0	0	0	5		
Year -	4.6	5.7		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—		

KANDY.

1868.				ins.	ins.																	
January -	4.8	4.7		9.250	2.350	21st	12	0	0	4				0	52	0	0	0	6	0	0	4
February -	1.8	3.1		2.460	2.120	3rd	4	0	0	1				0	49	0	0	0	6	0	0	3
March -	2.0	3.8		3.280	1.530	18th	5	0	0	5				0	45	0	0	0	13	0	0	4
April -	3.8	5.2		1.210	.550	10th	5	0	0	9				0	27	0	0	0	22	0	0	11
May -	3.8	5.1		3.000	.740	31st	10	0	0	6				0	7	0	0	0	50	0	0	5
June -	5.7	6.0		9.820	1.650	2nd	14	0	0	0				0	0	0	0	0	56	0	0	4
July -	5.3	5.2		5.380	1.080	14th	19	0	0	1				0	0	0	0	0	55	0	0	7
August -	4.6	4.6		1.910	.540	29th	8	0	0	1				0	0	0	0	0	60	0	0	2
September -	4.4	5.6		6.130	1.040	10th	12	0	0	6				0	0	0	0	0	53	0	0	7
October -	4.6	6.4		8.910	1.340	31st	20	0	0	10				0	14	0	0	0	29	0	0	19
November -	4.4	5.7		6.060	1.750	1st	16	0	0	1				0	44	0	0	0	11	0	0	5
December -	5.4	5.8		8.920	1.560	5th	16	0	0	0				0	56	0	0	0	0	0	0	6
Year -	4.2	5.1		66.330	—	—	141	0	0	44				0	294	0	0	0	361	0	0	77

KANDY.

1869.				ins.	ins.																	
January -	4.1	5.2		2.830	.700	16th	9	0	0	0				0	57	0	0	0	0	0	0	5
February -	3.1	4.6		1.680	.770	13th	3	0	0	1				0	41	0	0	0	2	0	0	13
March -	2.5	5.2		2.610	.800	23rd	5	0	0	9				0	36	0	0	0	4	0	0	22
April -	3.9	5.6		7.970	3.450	25th	11	0	0	9				0	12	0	0	0	33	0	0	15
May -	4.0	5.3		0.740	.170	29th	10	0	0	2				0	0	0	0	0	54	0	0	8
June -	6.8	7.4		9.260	1.250	16th	27	0	0	2				0	0	0	0	0	56	0	0	4
July -	6.2	7.2		7.610	1.420	27th	23	0	0	1				0	0	0	0	0	41	0	0	21
August -	6.5	7.9		5.010	.550	11th	21	0	0	2				0	1	0	0	0	36	0	0	25
September -	7.2	7.0		9.090	1.700	13th	19	0	0	1				0	0	0	0	0	37	0	0	23
October -	5.5	7.0		13.260	5.040	11th	19	0	0	5				0	1	0	0	0	35	0	0	26
November -	5.9	6.7		10.700	4.700	15th	12	0	0	0				0	31	0	0	0	9	0	0	20
December -	3.8	4.8		6.720	2.300	13th	12	0	0	2				0	55	0	0	0	1	0	0	6
Year -	5.0	6.2		77.480	—	—	171	0	0	34				0	234	0	0	0	308	0	0	188

KANDY.

1870.				ins.	ins.																	
January -	5.7	6.5		9.570	3.000	24th	13	0	0	0				0	45	0	2	0	0	0	0	15
February -	3.0	4.8		4.580	2.400	17th	7	0	0	2				0	48	0	0	0	0	0	0	8
March -	1.4	2.7		2.750	1.270	15th	8	0	0	0				0	42	0	1	0	0	0	0	19
April -	3.3	3.5		2.700	.750	18th	6	0	0	4				0	37	0	0	0	13	0	0	10
May -	5.0	4.2		1.150	.600	25th	3	0	0	0				0	0	0	0	0	55	2	0	5
June -	6.3	5.4		5.490	1.300	6th	13	0	0	0				0	0	0	0	0	51	0	0	9
July -	8.3	6.7		2.500	.500	18th	11	0	0	0				0	0	0	0	0	61	0	0	1
August -	7.0	6.2		7.460	1.500	9th	17	0	0	0				0	0	0	0	0	43	0	0	19
September -	3.3	5.2		4.410	.800	10th	10	0	0	1				0	0	0	0	0	51	0	0	9
October -	5.8	5.5		10.380	2.750	18th	15	0	0	2				0	0	0	0	0	51	0	0	11
November -	2.0	3.6		6.100	1.900	17th	10	0	0	0				0	24	0	0	0	25	0	0	11
December -	3.6	4.5		2.850	.770	2nd	7	0	0	0				0	57	0	0	0	0	0	0	5
Year -	4.6	4.9		59.940	—	—	120	0	0	9				0	253	0	3	0	350	2	0	122

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## KANDY (A.M.D.).

Long. 80° 48' E. Lat. 7° 18' N. Height above Mean Sea Level, 1,678 feet.

1871.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	—	—	74.9	79.0	75.0	61.2	88.8	56.0	29, 30	99.2	6th	.667	.715	—	76	72	—
February -	—	—	76.4	86.3	77.2	59.0	95.3	46.0	5th	98.0	27th	.615	.662	—	68	53	—
March -	—	—	80.6	86.2	78.9	61.9	95.9	56.5	10th	103.5	30th	.668	.671	—	64	54	—
April -	—	—	—	—	81.5	64.8	98.1	62.0	1st, 2nd	108.2	14th	—	—	—	—	—	—
May -	—	—	—	—	79.3	64.9	93.6	62.0	1st	102.8	28th	—	—	—	—	—	—
June -	—	—	—	—	76.5	65.7	87.2	63.0	3rd	95.0	1st	—	—	—	—	—	—
July -	—	—	—	—	73.9	63.8	84.0	59.0	27th	91.5	29, 30	—	—	—	—	—	—
August -	—	—	—	—	77.9	64.8	90.9	58.6	1st	104.0	24th	—	—	—	—	—	—
September	—	—	—	—	76.6	63.6	89.5	56.4	29th	99.0	28th	—	—	—	—	—	—
October -	—	—	—	—	78.6	62.3	94.9	55.6	28th	104.8	13th	—	—	—	—	—	—
November	—	—	—	—	76.8	63.6	89.9	61.2	19th	99.0	2nd	—	—	—	—	—	—
December	—	—	—	—	75.2	62.5	87.9	59.6	9th, 27th	94.0	24th	—	—	—	—	—	—
Year -	—	—	—	—	77.3	63.2	91.3	—	—	—	—	—	—	—	—	—	—

## KANDY (A.M.D.).

1872.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	—	—	75.3	61.9	88.7	54.2	10th	95.4	25th	—	—	—	—	—	—
February -	—	—	—	—	76.7	60.7	92.6	52.0	10th	98.2	23, 29	—	—	—	—	—	—
March -	—	—	—	—	80.7	62.6	98.7	55.4	12th	102.8	25th	—	—	—	—	—	—
April -	—	—	—	—	79.6	65.0	94.1	60.4	30th	105.4	11th	—	—	—	—	—	—
May -	—	—	—	—	78.3	64.7	91.8	60.4	6th	97.0	19th	—	—	—	—	—	—
June -	—	—	—	—	78.9	67.0	90.8	61.5	29th	96.0	28th	—	—	—	—	—	—
July -	—	—	—	—	79.3	65.5	93.0	64.0	5th, 27th	96.0	28th	—	—	—	—	—	—
August -	—	—	—	—	77.5	64.8	90.2	60.0	5th, 26th	96.0	1st	—	—	—	—	—	—
September -	—	—	—	—	76.4	65.1	87.6	61.5	4th	96.0	22nd	—	—	—	—	—	—
October -	—	—	—	—	78.3	66.4	90.2	62.0	30, 31	92.0	4, 11, 31	—	—	—	—	—	—
November -	—	—	—	—	76.7	63.7	89.6	61.0	23, 30	93.0	5th	—	—	—	—	—	—
December -	—	—	—	—	75.9	62.6	89.1	60.0	26th	92.0	9th, 16th	—	—	—	—	—	—
Year -	—	—	—	—	77.8	64.2	91.4	—	—	—	—	—	—	—	—	—	—

## KANDY (A.M.D.).

1873.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	—	—	75.1	60.3	89.8	53.4	18th	95.0	27th	—	—	—	—	—	—
February -	—	—	77.7 <sup>10</sup>	81.4 <sup>10</sup>	74.4	60.8	88.0	54.0	24th	94.0	10, 24, 28	.607 <sup>10</sup>	.611 <sup>10</sup>	—	62 <sup>10</sup>	56 <sup>10</sup>	—
March -	—	—	81.9	89.3	79.1	62.7	95.4	57.4	6th	101.6	21st	.695	.673	—	63	48	—
April -	—	—	78.3	84.3	78.1	63.8	92.3	54.6	15th	98.2	30th	.709	.964	—	73	82	—
May -	—	—	78.0	82.8	77.8	64.8	90.8	61.4	13th	99.4	4th	.770	—	—	80	—	—
June -	—	—	76.1	78.4	74.1	66.6	81.6	64.6	27th	85.6	21st	—	—	—	—	—	—
July -	—	—	75.3	78.9	73.8	65.3	82.2	62.6	17th	89.0	10th	.752	—	—	85	—	—
August -	—	—	74.8	80.8	75.2	65.0	85.4	62.4	9th, 12th	93.6	9th	.727	.839	—	84	81	—
September -	—	—	77.1	84.2	75.9	62.7	89.0	58.2	26th	96.8	27th	.652	.737	—	71	63	—
October -	—	—	76.0	77.8	74.5	63.7	85.2	56.8	28th	94.0	1st	.739	.787	—	82	82	—
November -	—	—	75.9	79.7	75.0	63.4	86.5	57.0	5th	96.2	6th	.686	.772	—	77	76	—
December -	—	—	74.3	79.1	75.4	63.1	87.6	56.6	31st	92.6	22nd	.689	.718	—	81	72	—
Year -	—	—	—	—	75.7	63.5	87.8	—	—	—	—	—	—	—	—	—	—

## KANDY (A.M.D.).

1874.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	73.3	80.1	74.9	61.6	88.2	55.4	16th	96.4	26th	.640	.709	—	78	69	—
February -	—	—	75.3	83.1	76.2	62.0	90.4	51.0	11th	96.6	14th	.669	.731	—	76	65	—
March -	—	—	79.4	90.1	78.5	61.4	95.6	55.8	5th	101.2	31st	.717	.827	—	71	59	—
April -	—	—	82.8	88.2	80.9	64.7	97.0	59.6	23rd	102.2	6th	.775	.802	—	69	59	—
May -	—	—	79.2	81.6	76.6	65.5	87.7	56.0	7th	94.6	12th	.738	.789	—	73	74	—
June -	—	—	76.7	78.3	74.0	64.2	83.8	59.6	22nd	89.2	2nd	.753	.778	—	81	80	—
July -	—	—	75.5	77.7	73.4	64.4	82.4	61.0	16th	90.2	15th	.710	.749	—	81	79	—
August -	—	—	77.5	80.2	75.9	64.6	87.2	61.2	1st	95.0	29th	.714	.746	—	75	72	—
September -	—	—	76.3	76.9	73.6	64.7	82.5	54.6	9th	87.0	2nd	.721	.746	—	80	80	—
October -	—	—	76.6	78.4	73.8	64.0	83.6	58.2	11th	92.4	12th	.689	.696	—	75	71	—
November -	—	—	78.2	79.1	75.9	64.0	87.8	58.4	22nd	91.4	4th	.694	.705	—	72	71	—
December -	—	—	75.8	78.3	75.2	63.2	87.2	59.4	9th	91.2	14th	.656	.680	—	75	70	—
Year -	—	—	77.2	81.0	75.8	63.7	87.8	—	—	—	—	.706	.747	—	75.5	70.8	—

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, 3 feet above ground.

KANDY.

1871.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	5.4	6.5		15.150	2.400	15th	12	0	0	0				0	55	0	0	0	0	0	0	7	
February -	1.9	3.6		2.850	1.000	27th	6	0	0	7				0	44	0	0	0	0	0	0	12	
March -	2.5	5.1		1.380	.880	31st	4	0	0	8				0	22	0	4	0	11	0	0	25	
April -	3.8	7.0		9.240	2.720	27th	19	0	0	14				1	2	0	1	0	13	12	13	18	
May -	4.9	7.2		2.100	.620	28th	14	0	0	6				0	0	0	0	0	19	28	10	5	
June -	7.6	6.8		8.120	.980	9th	26	0	0	2				0	0	0	0	0	27	27	6	0	
July -	7.7	7.0		15.140	2.000	14th	24	0	0	0				0	0	0	0	0	41	9	12	0	
August -	6.6	6.3		3.590	.850	8th	19	0	0	7				0	0	0	0	0	19	27	13	3	
September	5.7	6.8		3.220	.730	13th	18	0	0	1				0	0	0	0	0	7	29	24	0	
October -	4.3	6.3		9.020	2.350	20th	16	0	0	9				0	0	0	0	0	19	25	14	4	
November	5.3	7.2		12.200	1.870	10th	28	0	0	10				2	5	0	15	0	13	0	21	4	
December	4.8	6.1		3.560	1.150	1st	12	0	0	0				1	3	0	55	2	0	0	1	0	
Year -	5.0	6.3		85.570	—	—	198	0	0	64				4	131	0	75	2	169	157	114	78	

KANDY.

1872.				ins.	ins.																	
January -	4.7	5.9		1.110	.530	13th	8	0	0	0				0	0	0	59	0	0	0	3	0
February -	3.2	4.3		6.720	3.510	7th	6	0	0	2				1	1	0	52	0	2	0	2	0
March -	2.0	4.7		1.190	1.000	31st	4	0	0	5				0	4	0	29	0	11	0	12	6
April -	4.0	7.8		12.460	2.500	30th	22	0	0	17				0	8	0	14	0	2	0	22	14
May -	1.7	2.4		1.300	1.140	1st	4	0	0	0				0	11	7	8	0	20	1	15	0
June -	3.9	4.8		22.930	4.000	12, 23	18	0	0	0				0	0	13	10	0	16	14	6	1
July -	4.5	3.8		3.230	.980	28th	9	0	0	1				0	0	0	20	0	39	0	3	0
August -	3.7	4.2		2.870	.700	25th	12	0	0	0				0	31	0	16	0	10	0	5	0
September	5.1	5.7		15.430	4.450	9th	15	0	0	1				0	39	0	0	0	0	0	21	0
October -	4.6	4.9		10.560	1.500	3, 13, 19	17	0	0	5				0	39	0	2	0	4	0	16	1
November	2.5	3.9		15.090	2.050	25th	21	0	0	4				0	42	0	15	0	0	0	3	0
December	2.8	3.3		6.480	1.750	8th	14	0	0	1				0	34	0	28	0	0	0	0	0
Year -	3.6	4.6		99.370	—	—	150	0	0	36				1	209	20	253	0	104	15	108	22

KANDY.

1873.				ins.	ins.																
January -	1'6	1'7		1'480	'690	11th	3	0	0	0			0	38	4	20	0	0	0	0	0
February -	1'9	2'6		5'320	2'190	2nd	9	0	0	2			0	8	36	11	0	0	0	1	0
March -	1'4	1'7		2'950	1'300	22nd	8	0	0	2			0	3	43	10	1	0	0	0	5
April -	1'9	2'6		6'440	2'120	3rd	11	0	0	10			0	1	0	7	43	3	0	0	6
May -	2'2	3'4		6'860	1'600	20th	19	0	0	12			0	0	0	0	19	2	36	0	5
June -	4'2	3'7		11'080	1'510	29th	30	0	0	0			0	0	0	0	0	60	0	0	5
July -	4'6	3'2		7'300	1'150	13th	24	0	0	0			0	0	0	0	0	15	47	0	0
August -	4'3	5'1		5'310	1'550	8th	24	0	0	9			0	0	0	0	0	0	62	0	0
September	3'8	3'8		3'150	'800	6th	11	0	0	3			0	0	0	0	0	0	60	0	0
October -	4'1	4'7		6'430	'760	30th	26	0	0	1			0	0	0	0	0	0	62	0	0
November	3'2	4'0		4'810	1'020	29th	20	0	0	2			0	24	2	1	0	3	0	0	30
December	2'9	3'6		7'990	1'750	25th	17	0	0	1			0	0	36	0	0	4	0	0	22
Year -	3'0	3'3		69'120	—	—	202	0	0	42			0	74	121	49	63	12	111	232	68

KANDY.

1874.				ins.	ins.																
January -	3'1	3'6		2'630	1'090	10th	12	0	0	2			0	0	59	0	0	0	3	0	0
February -	3'1	4'7		3'280	1'020	24th	7	0	0	3			0	2	38	4	0	2	0	0	10
March -	2'2	2'9		1'760	1'740	17th	2	0	0	2			0	4	22	0	0	10	5	0	21
April -	3'3	6'5		4'390	'960	28th	19	0	0	18			0	7	0	0	0	20	11	7	15
May -	6'1	6'7		8'580	3'210	4th	22	0	0	3			0	0	0	0	0	20	37	0	5
June -	6'8	7'2		11'490	1'410	11th	27	0	0	1			0	0	0	0	0	21	39	0	0
July -	5'1	5'1		8'230	1'250	26th	22	0	0	0			0	0	0	2	23	37	0	0	0
August -	4'3	4'4		2'480	'400	12th	13	0	0	0			0	0	0	0	0	26	36	0	0
September	3'7	4'0		6'270	'770	24th	27	0	0	0			0	0	0	0	0	20	40	0	0
October -	5'3	5'3		10'760	1'800	20th	23	0	0	5			0	9	1	0	0	10	39	0	3
November	4'5	4'8		15'810	3'700	28th	19	0	0	9			3	15	3	0	0	4	15	11	9
December	4'0	4'6		3'800	'600	29th	14	0	0	2			2	13	10	13	0	0	4	4	16
Year -	4'3	5'0		79'480	—	—	207	0	0	45			5	50	133	17	2	156	266	22	79



## KANDY (A.M.D.).

Long. 80° 48' E. Lat. 7° 18' N. Height above Mean Sea Level, 1,678 feet.

1875.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins.	ins.	74°·4	80°·4	75°·5	61°·2	89°·8	56°·8	24th	95°·6	27th	in.	in.	in.	%	%	%	
February -	—	—	75°·4	82°·8	76°·8	61°·4	92°·2	56°·4	13th	95°·2	11th	·630	·645		73	62		
March -	—	—	80°·2	86°·2	77°·8	61°·6	94°·0	59°·0	29th	100°·7	27th	·646	·652		73	58		
April -	—	—	79°·9	83°·3	77°·7	63°·1	92°·3	60°·0	5th, 29th	99°·4	28th	·696	·609		66	48		
May -	—	—	82°·0	85°·8	79°·0	63°·6	94°·3	60°·0	13th	98°·4	19th	·700	·704		67	61		
June -	—	—	77°·5	78°·1	74°·6	65°·4	83°·8	62°·0	19th	91°·1	25th	·742	·681		68	55		
July -	—	—	77°·3 <sup>7</sup>	80°·3 <sup>7</sup>	76°·2 <sup>7</sup>	65°·8 <sup>7</sup>	86°·6 <sup>7</sup>	62°·0	31st	90°·6	1st	·722	·735		76	76		
August -												·712 <sup>7</sup>	·714 <sup>7</sup>		75 <sup>7</sup>	68 <sup>7</sup>		
September																		
October -																		
November																		
December																		
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

## COLOMBO (R.E.).

Long. 79° 50' E. Lat. 6° 56' N. Height above Mean Sea Level, 18 feet.

1852.	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.								9.30 a.m.	3.30 p.m.		9.30 a.m.	3.30 p.m.	
	ins.	ins.	°	°								in.	in.		%	%	
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	29° 888	29° 771	86° 0	87° 8	—	75° 8	—	73° 8	30th	—	—	955	955	955	77° 5	73° 3	—
May -	859	774	83° 3	83° 7	81° 8	78° 6	84° 9	75° 0	22nd	87° 5	7th	958	915	915	85° 1	83° 7	—
June -	868	788	83° 1	83° 7	81° 6	79° 0	84° 2	73° 1	7th	86° 5	21st	940	921	921	84° 0	80° 2	—
July -	850	775	82° 5	83° 5	81° 8	79° 3	84° 2	76° 6	16th	86° 8	26th	906	894	894	81° 5	78° 7	—
August -	902	817	82° 1	82° 8	80° 9	78° 3	83° 4	74° 0	28th	85° 5	9th	888	871	871	81° 5	78° 4	—
September -	913	816	81° 5	82° 3	80° 2	77° 6	82° 8	75° 2	8th, 9th	84° 2	26th	909	888	888	83° 8	80° 8	—
October -	947	842	81° 2	82° 3	78° 9	74° 9	82° 8	71° 6	11th	86° 0	6th	912	897	897	86° 2	81° 6	—
November -	900	791	80° 8	82° 9	78° 9	74° 0	83° 8	72° 6	22nd	86° 0	11, 14, 16	885	909	909	84° 4	81° 8	—
December -	29° 936	29° 826	79° 5	81° 9	77° 7	72° 9	82° 4	71° 5	15, 29	85° 0	31st	854	891	891	85° 0	82° 1	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations were taken on Sundays during 1852.

## COLOMBO (R.E.).

1853.	ins.	ins.										ins.	ins.				
	ins.	ins.										in.	in.				
January -	29° 948	29° 834	80° 5	83° 3	79° 8	75° 5	84° 1	73° 4	8th, 10th	86° 2	13th	837	874	874	80° 9	77° 3	—
February -	930	808	81° 1	84° 5	80° 0	74° 7	85° 2	72° 1	10th	89° 0	5th	796	832	832	76° 1	71° 1	—
March -	937	819	83° 6	86° 1	81° 9	77° 0	86° 7	73° 5	10th	89° 0	25th	891	906	906	78° 0	73° 1	—
April -	879	766	83° 7	85° 7	81° 8	77° 3	86° 2	73° 1	12th	88° 5	26th	924	940	940	80° 8	77° 0	—
May -	883	795	83° 6	84° 7	82° 1	78° 9	85° 2	74° 7	23rd	87° 0	20, 21, 22	968	968	968	84° 6	81° 5	—
June -	860	782	82° 7	83° 6	81° 9	78° 1	83° 7	74° 9	4th	84° 8	9th	927	915	915	83° 5	80° 2	—
July -	913	839	81° 1	82° 2	80° 2	77° 7	82° 7	74° 9	11th	84° 0	1st, 2nd	903	918	918	85° 4	82° 1	—
August -	863	780	81° 9	82° 7	80° 9	78° 9	82° 9	76° 0	8th	84° 0	5th, 14th	888	888	888	82° 6	80° 0	—
September -	912	809	82° 5	83° 2	80° 9	78° 1	83° 7	75° 4	20th	85° 0	9th	918	897	897	83° 5	79° 5	—
October -	932	824	81° 9	82° 7	80° 1	76° 8	83° 4	73° 6	28th	86° 5	18th	927	912	912	85° 4	82° 0	—
November -	909	788	80° 5	82° 5	78° 9	74° 5	83° 2	70° 9	21, 22	87° 5	23rd	874	897	897	85° 0	81° 5	—
December -	29° 966	29° 850	79° 1	83° 1	78° 4	73° 3	83° 5	68° 9	15th	85° 0	2nd, 30th	793	834	834	80° 1	74° 6	—
Year -	29° 911	29° 808	81° 9	83° 7	80° 6	76° 9	84° 2	—	—	—	—	887	898	898	82° 2	78° 3	—

NOTE.—No observations were taken on Sundays during 1853.

## COLOMBO (R.E.).

1854.	ins.	ins.										ins.	ins.				
	ins.	ins.										in.	in.				
January -	29° 962	29° 835	78° 9	83° 5	78° 7	73° 1	84° 2	70° 7	3, 16	86° 3	20th	790	843	843	80° 7	74° 5	—
February -	945	823	81° 3	84° 2	79° 6	74° 6	84° 6	71° 8	9th	89° 5	26th	860	871	871	81° 2	75° 3	—
March -	951	862	82° 2	85° 2	80° 6	75° 9	85° 3	72° 9	4th	87° 2	19th	897	915	915	82° 4	76° 5	—
April -	877	775	84° 3	86° 1	82° 6	78° 8	86° 4	74° 7	5th	88° 0	9th	958	987	987	82° 5	79° 7	—
May -	859	764	82° 7	84° 0	80° 7	77° 0	84° 4	74° 1	15th	87° 2	1st	961	961	961	86° 4	83° 0	—
June -	869	797	82° 4	82° 9	81° 0	78° 5	83° 4	74° 8	16th	84° 8	16th	930	937	937	84° 4	82° 4	—
July -	853	777	81° 1	81° 8	79° 8	77° 5	82° 1	72° 7	14th	84° 5	30th	912	917	917	87° 8	86° 1	—
August -	877	792	81° 3	81° 9	80° 6	78° 6	82° 6	73° 4	19th	85° 4	1st, 2nd	902	908	908	87° 1	84° 9	—
September -	886	791	81° 7	82° 5	80° 6	78° 4	82° 8	75° 5	8th	84° 3	19th	900	889	889	87° 1	82° 5	—
October -	895	790	81° 2	81° 7	79° 5	76° 1	82° 8	74° 0	27th	84° 7	14th	926	918	918	88° 7	87° 0	—
November -	927	824	80° 4	81° 8	78° 9	74° 7	83° 0	72° 5	4th	86° 0	21st	879	903	903	87° 2	85° 6	—
December -	29° 943	29° 825	80° 1	82° 4	78° 9	74° 2	83° 5	72° 0	21st	85° 0	12, 15, 16	829	853	853	83° 0	78° 8	—
Year -	29° 904	29° 805	81° 5	83° 2	80° 2	76° 5	83° 8	—	—	—	—	895	909	909	84° 9	81° 4	—

NOTE.—No observations were taken on Sundays during 1854.

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, 3 feet above ground.

KANDY.

1875.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	4°0	4°0		ins. 5°310	ins. 2°650	29th	6	0	0	1				0	0	24	13	2	2	9	0	12
February -	3°6	4°1		0°280	°200	24th	2	0	0	0				3	5	23	10	2	3	2	0	8
March -	3°1	5°0		4°070	1°200	7, 9	7	0	0	6				2	1	10	17	2	7	6	0	17
April -	4°1	5°1		10°630	4°450	21st	8	0	0	3				0	0	18	5	1	10	17	0	9
May -	4°1	6°0		1°060	°500	20th	4	0	0	6				1	1	6	7	4	18	19	0	6
June -	7°2	7°3		11°120	2°700	12th	17	0	0	3				2	4	2	1	2	15	13	19	2
July -	7°6	7°1		4°770	1°200	4th	19	0	0	0				1	0	1	0	2	19	19	19	1
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

COLOMBO.

1852.	9.30 a.m.	3.30 p.m.		ins.	ins.																	
January -	—	—		—	—	—	—															
February -	—	—		—	—	—	—															
March -	—	—		—	—	—	—															
April -	3°5	4°0		7°310	2°147	30th	16															
May -	7°5	8°3		22°950	—	—	28															
June -	5°5	5°7		14°882	7°200	6th	18															
July -	5°8	5°1		1°901	1°230	16th	12															
August -	4°2	4°8		0°405	°115	31st	6															
September -	4°8	4°8		1°990	°680	30th	9															
October -	5°8	5°7		12°397	2°030	15th	27															
November -	5°8	4°7		11°183	1°452	26th	23															
December -	6°0	4°8		7°328	—	—	17															
Year -	—	—		—	—	—	—															

NOTE.—No observations were taken on Sundays during 1852.

COLOMBO.

1853.				ins.	ins.																	
January -	3°8	5°0		3°570	°945	27th	16															
February -	2°7	3°1		2°470	—	—	4															
March -	2°6	2°5		2°225	1°230	25th	5															
April -	5°1	4°1		10°619	4°600	12th	10															
May -	7°6	6°5		25°450	4°870	2nd	22															
June -	7°0	6°2		1°993	1°575	1st	5															
July -	7°0	7°0		4°260	2°000	6th	9															
August -	6°7	5°9		0°470	°270	6th	5															
September -	4°6	5°4		0°810	°300	10th	8															
October -	5°3	7°4		6°410	1°420	19th	17															
November -	5°2	6°9		9°010	2°000	18th	17															
December -	4°6	4°5		2°620	°900	12th	8															
Year -	5°2	5°4		69°907	—	—	126															

NOTE.—No observations were taken on Sundays during 1853.

COLOMBO.

1854.				ins.	ins.																	
January -	2°5	5°2		5°355	1°920	27th	8															
February -	3°2	4°1		1°780	1°550	2nd	2															
March -	3°3	3°7		1°775	°670	24th	6															
April -	6°0	5°1		7°925	2°300	15th	8															
May -	6°3	6°6		18°170	—	—	18															
June -	5°4	6°3		4°385	1°500	6th	16															
July -	6°0	5°6		5°030	2°500	14th	12															
August -	6°9	7°8		9°180	3°510	18th	24															
September -	6°7	6°5		3°080	—	—	11															
October -	6°2	7°8		9°550	1°090	27th	23															
November -	5°1	7°0		10°180	1°980	4th	23															
December -	4°3	5°1		1°410	°430	6th	7															
Year -	5°2	5°9		77°820	—	—	158															

NOTE.—No observations were taken on Sundays during 1854.



## COLOMBO (R.E.).

Long. 79° 50' E. Lat. 6° 56' N. Height above Mean Sea Level, 18 feet.

1855.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.	79°·3	82°·9	78°·1	72°·8	83°·4	68°·4	27th	85°·0	17, 24	·785	·817		79°·8	75°·0	%
February -	·979	·860	80°·9	83°·3	78°·8	73°·3	84°·2	69°·0	2nd	88°·5	28th	·821	·841		79°·2	75°·7	%
March -	·912	·795	82°·7	85°·1	81°·0	75°·3	86°·7	72°·3	19th	88°·0	29th	·869	·888		79°·9	75°·5	%
April -	·874	·769	84°·4	86°·1	81°·7	76°·1	87°·2	73°·0	13th	89°·5	12th	·937	·941		81°·6	77°·6	%
May -	·884	·792	84°·2	85°·1	82°·5	78°·4	86°·5	70°·0	15th	88°·5	1st	·956	·962		83°·7	82°·0	%
June -	·848	·779	82°·9	83°·4	81°·1	77°·3	84°·8	73°·5	18th	87°·0	4th, 5th	·938	·919		85°·3	82°·2	%
July -	·880	·806	82°·4	83°·3	81°·4	78°·7	84°·1	77°·2	21st	86°·0	6th	·900	·892		83°·2	80°·1	%
August -	·896	·810	81°·4	82°·6	80°·2	77°·2	83°·1	74°·8	15th	85°·5	18th	·874	·871		83°·2	80°·0	%
September	·928	·825	81°·6	82°·1	80°·1	77°·0	83°·2	73°·5	27th	85°·0	13th	·887	·873		84°·2	82°·0	%
October -	·929	·833	80°·7	81°·4	78°·8	75°·5	82°·1	72°·2	1st	84°·0	4th	·885	·891		86°·1	85°·0	%
November	·956	·833	80°·6	82°·8	78°·7	74°·0	83°·4	71°·0	29th	85°·5	7th	·852	·882		83°·3	80°·4	%
December	29°·951	29°·834	79°·4	81°·5	78°·0	72°·7	83°·2	69°·0	24th	85°·0	1st	·821	·863		83°·7	82°·2	%
Year -	29°·915	29°·814	81°·7	83°·3	80°·0	75°·7	84°·3	—	—	—	—	·877	·887		82°·8	79°·8	%

NOTE.—No observations were taken on Sundays during 1855.

## COLOMBO (R.E.).

1856.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.016	29.886	79.9	83.5	77.8	71.6	83.9	68.5	7th, 9th	85.5	31st	.794	.834		79.3	74.7	
February -	29.975	.833	81.6	84.0	79.4	73.4	85.4	69.0	18th	88.0	8th	.850	.862		80.6	75.8	
March -	.919	.785	83.1	85.1	80.6	75.2	85.9	73.0	1st	88.6	31st	.912	.915		82.5	77.7	
April -	.887	.773	83.2	84.3	81.1	76.3	85.9	73.2	12th	88.5	9th	.932	.933		84.1	81.5	
May -	.849	.751	83.1	83.8	80.7	76.5	84.8	72.3	19th	87.8	17th	.940	.927		85.3	82.1	
June -	.862	.761	82.6	83.4	81.0	77.7	84.3	74.0	10th	86.5	6th	.917	.914		84.1	82.0	
July -	.825	.740	81.7	82.2	80.5	78.0	83.0	75.0	21st	84.0	4th, 14th	.898	.882		85.0	82.6	
August -	.857	.767	80.4	80.7	79.4	76.7	82.1	73.0	7th	83.5	1st	.867	.862		85.3	84.1	
September -	.908	.801	82.0	82.4	80.9	77.9	83.9	75.5	12th	86.2	30th	.872	.868		81.6	80.8	
October -	.913	.805	80.3	81.0	—	—	82.3	—	—	84.0	31st	.872	.879		86.5	85.3	
November -	.918	.787	80.2	82.5	—	—	85.4	—	—	87.4	12th	.877	.886		86.9	81.8	
December -	29.958	29.799	78.4	81.2	—	—	84.1	—	—	85.9	13th	.817	.879		85.8	80.6	
Year -	29.907	29.791	81.4	82.8	—	—	84.3	—	—	—	—	.879	.887		83.9	80.8	

NOTE.—No observations were taken on Sundays during 1856.

## COLOMBO (R.E.).

1857.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.972	29.818	78.7	82.6	—	—	84.5	—	—	86.3	7th	.774	.822		80.6	75.4	
February -	.935	.788	79.4	83.6	—	—	84.5	—	—	85.4	24th	.788	.813		80.0	72.4	
March -	.935	.790	82.1	84.5	—	—	85.5	—	—	87.2	31st	.873	.863		81.5	74.9	
April -	.869	.750	82.2	84.1	82.0	78.5	85.4	72.0	6th	87.8	1st	.901	.918		84.7	80.4	
May -	.882	.787	81.5	81.8	81.0	78.5	83.5	73.2	16th	85.0	12th	.931	.922		88.6	87.3	
June -	.854	.755	81.1	82.0	81.2	79.4	82.9	77.2	9th, 15th	84.3	1, 5, 6	.901	.899		86.9	84.5	
July -	.870	.771	80.7	81.4	80.9	79.1	82.6	75.3	24th	84.5	7th	.872	.877		85.3	83.9	
August -	.921	.810	80.9	81.4	80.8	78.7	82.9	74.0	29th	84.6	19th	.905	.895		87.4	85.4	
September -	.943	.823	80.5	81.1	80.3	78.1	82.4	75.0	22nd	84.1	25, 29	.900	.884		88.5	85.2	
October -	.915	.803	79.9	80.5	79.7	77.5	81.9	74.5	20, 22	85.1	12th	.867	.860		86.9	84.3	
November -	.936	.823	79.5	80.5	79.1	75.9	82.2	72.0	23rd	85.1	7th	.832	.831		84.4	82.1	
December -	29.970	29.854	78.4	81.1	78.1	73.9	82.2	69.7	21st	84.3	11th	.752	.800		79.0	77.0	
Year -	29.917	29.798	80.4	82.1	—	—	83.4	—	—	—	—	.858	.865		84.5	81.1	

NOTE.—No observations were taken on Sundays during 1857.

## COLOMBO (R.E.).

1858.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.917	29.809	78.1	81.7	78.2	73.3	83.1	71.5	28th	85.3	18th	.754	.778		79.8	73.6	
February -	.958	.824	79.1	83.4	80.2	75.3	85.1	70.5	11th	88.9	2nd	.799	.827		81.9	74.8	
March -	.918	.793	81.7	84.1	81.3	77.1	85.5	75.1	1st	87.9	30, 31	.885	.858		83.7	75.2	
April -	.881	.772	82.9	84.2	82.3	78.4	86.1	76.3	7th	88.8	3rd	.928	.903		84.5	78.9	
May -	.846	.752	81.5	82.4	80.9	78.1	83.7	74.0	4th	85.0	22nd	.905	.897		86.2	83.0	
June -	.849	.777	81.6	81.9	81.1	78.7	83.5	76.0	15th	85.0	7th	.902	.877		85.3	82.8	
July -	.854	.788	81.1	81.4	80.4	78.3	82.4	76.5	5th	84.9	2nd	.888	.871		85.5	83.1	
August -	.865	.789	81.7	82.1	81.3	78.8	83.7	76.3	6th	85.5	20th	.882	.858		83.6	80.3	
September -	.895	.812	81.1	81.4	80.8	78.4	83.2	76.0	25th	84.6	15th	.879	.874		85.0	83.9	
October -	.907	.802	80.2	80.4	79.7	77.1	82.2	75.2	15th	84.6	1st	.974	.964		96.6	95.1	
November -	.896	.815	80.8	81.4	79.5	75.9	83.0	74.0	19th	85.3	8th	.966	.963		94.2	92.3	
December -	29.919	29.817	80.8	81.8	79.4	75.1	83.6	73.8	13th	85.0	4th, 15th	.906	.933		88.3	88.0	
Year -	29.892	29.796	80.9	82.2	80.4	77.0	83.8	—	—	—	—	.889	.884		86.2	82.6	

NOTE.—No observations were taken on Sundays during 1858.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

COLOMBO.

1855.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	3.8	4.4		ins. 7.970	ins. —	—	8																	
February -	3.1	3.8		3.955	—	—	9																	
March -	3.4	3.8		0.995	—	—	5																	
April -	3.9	4.2		5.075	1.000	25th	13																	
May -	5.8	6.2		6.880	3.650	8th	14																	
June -	6.1	6.5		9.760	2.590	15th	21																	
July -	5.4	5.3		0.485	.345	14th	4																	
August -	5.7	5.5		1.217	.600	24th	5																	
September	6.0	7.0		5.704	1.980	18th	15																	
October -	7.1	6.9		16.528	2.500	7th	21																	
November	4.0	6.6		10.235	2.540	12th	14																	
December	4.3	5.6		6.705	—	—	8																	
Year -	4.9	5.5		75.509	—	—	137																	

NOTE.—No observations were taken on Sundays during 1855.

COLOMBO.

1856.				ins.	ins.																		
January -	2.2	3.3		1.050	.980	4th	4																
February -	3.2	4.7		2.419	1.282	27th	5																
March -	3.9	5.0		5.123	3.110	10th	10																
April -	5.3	6.3		13.357	1.810	5th	23																
May -	6.1	6.0		14.781	—	—	22																
June -	6.6	5.3		3.802	1.150	10th	15																
July -	6.7	5.8		1.674	.550	1st	9																
August -	6.9	6.3		1.767	.920	1st	12																
September -	5.2	4.7		1.193	.400	12th	8																
October -	7.3	6.2		15.578	4.423	25th	25																
November -	3.8	5.9		7.630	1.584	1st	14																
December -	4.4	5.7		9.311	2.595	4th	9																
Year -	5.1	5.4		77.685	—	—	156																

NOTE.—No observations were taken on Sundays during 1856.

COLOMBO.

1857.				ins.	ins.																		
January -	2.2	4.1		3.310	1.493	30th	5																
February -	3.1	3.6		0.040	.030	15th	2																
March -	3.8	4.1		6.092	4.900	5th	4																
April -	4.5	5.5		6.956	—	—	18																
May -	6.7	6.5		12.459	2.750	26th	27																
June -	5.2	5.6		6.552	—	—	16																
July -	6.2	5.9		5.009	1.256	24th	18																
August -	4.8	4.1		2.945	.700	1st	15																
September -	6.1	6.0		4.234	1.680	9th	14																
October -	6.4	6.3		12.634	2.350	21st	23																
November -	5.0	5.5		12.093	4.200	21st	14																
December -	3.2	4.1		1.738	1.120	2nd	4																
Year -	4.8	5.1		74.062	—	—	160																

NOTE.—No observations were taken on Sundays during 1857.

COLOMBO.

1858.				ins.	ins.																		
January -	3.7	3.2		1.786	1.006	13th	5																
February -	2.8	3.0		1.742	.920	27th	5																
March -	3.8	4.1		3.733	1.314	17th	8																
April -	4.9	6.3		5.964	—	—	12																
May -	7.1	7.3		11.118	2.050	15th	22																
June -	6.9	6.9		6.900	—	—	18																
July -	5.0	5.1		4.250	—	—	8																
August -	5.2	5.7		0.773	—	—	4																
September -	5.1	5.9		5.535	1.660	25th	10																
October -	6.1	7.6		7.233	1.290	15th	16																
November -	4.7	6.4		17.083	3.400	12th	21																
December -	3.3	5.7		6.250	2.700	17th	11																
Year -	4.9	5.6		72.367	—	—	140																

NOTE.—No observations were taken on Sundays during 1858.



## COLOMBO (R.E.).

Long. 79° 50' E. Lat. 6° 56' N. Height above Mean Sea Level, 18 feet.

1859.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins.	ins.										in.	in.	in.	%	%	%	
February -	29°902	29°799	80°1	81°8	78°9	74°8	82°9	73°0	31st	85°0	31st	°928	°917		92°3	86°7		
March -	°920	°812	82°0	83°7	79°8	75°6	84°0	74°0	5th	86°5	18th	°961	°978		90°4	86°8		
April -	°912	°797	82°6	84°4	80°8	76°4	85°1	73°1	24th	88°1	23rd	°983	°973		90°1	84°8		
May -	°867	°745	83°4	84°2	81°1	76°6	85°6	75°5	9th	87°0	14, 27	1°027	1°037		92°0	91°1		
June -	°856	°788	83°9	84°8	82°5	79°2	85°7	75°2	3rd	87°1	13th	1°021	1°020		90°1	87°7		
July -	°860	°809	81°6	82°8	81°2	78°3	84°0	77°0	13, 15	87°0	4th, 6th	°984	°992		93°2	91°1		
August -	°835	°774	80°8	81°2	80°1	77°6	82°6	76°0	13, 14	83°8	1st	°915	°897		88°9	86°7		
September -	°857	°799	80°4	80°5	79°9	77°5	82°2	75°5	15th	83°2	6th, 9th	°888	°866		87°5	85°0		
October -	°907	°803	80°8	81°2	79°9	77°0	82°8	72°3	27th	87°4	19th	°877	°846		83°0	81°2		
November -	°936	°823	80°9	81°9	79°6	76°6	82°6	73°3	31st	84°7	27th	°871	°858		84°4	80°4		
December -	°897	°788	79°8	80°8	78°2	74°3	82°1	73°3	15th	83°9	14th	°876	°868		87°8	84°3		
December	29°924	29°824	79°6	81°3	78°2	74°0	82°4	71°0	22nd	84°7	29th	°847	°832		85°6	84°1		
Year -	29°889	29°797	81°3	82°4	80°0	76°5	83°5	—	—	—	—	°932	°924		88°8	85°8		

NOTE.—No observations were taken on Sundays during 1859.

## COLOMBO (R.E.).

1860.	ins.	ins.	78°5	81°4	77°4	72°6	82°2	68°8	23rd	84°7	30th	in.	in.	in.	%	%	%
January -	29°943	29°829	78°5	81°4	77°4	72°6	82°2	68°8	23rd	84°7	30th	in.	in.	in.	%	%	%
February -	919	797	79°5	82°9	78°5	73°6	83°4	71°0	29th	86°2	8th	773	808	773	80°7	77°2	
March -	903	784	82°7	84°6	80°2	75°1	85°3	70°5	1st	89°0	30th	832	844	832	84°0	76°7	
April -	898	792	83°7	84°7	81°8	77°7	85°8	72°8	7th	88°0	4th	862	864	862	78°7	74°5	
May -	841	740	84°3	84°9	82°9	79°9	85°9	73°0	23rd	87°5	16, 17	938	948	938	83°5	81°5	
June -	832	756	82°4	82°9	81°7	78°9	84°5	76°0	8th	85°5	22nd	963	954	963	83°9	81°6	
July -	850	771	81°4	81°8	80°9	78°4	83°4	76°0	23rd	85°2	4th	932	924	932	85°9	84°2	
August -	884	800	81°7	82°2	80°6	77°5	83°7	74°0	23rd	85°0	1st, 3rd	892	888	892	85°3	83°5	
September -	884	794	81°0	81°6	80°5	77°9	83°1	71°5	11th	85°0	10th	899	890	899	85°0	82°9	
October -	873	784	80°6	81°1	79°2	75°1	83°2	71°8	5th	85°2	4th	880	870	880	85°2	83°0	
November -	915	818	81°1	82°9	79°8	75°3	84°3	71°5	12th	86°8	27th	916	911	916	89°6	87°8	
December -	29°889	29°801	78°2	79°6	77°4	73°5	81°2	72°0	28th	84°5	1st	890	899	890	86°4	84°2	
Year -	29°886	29°789	81°3	82°6	80°1	76°3	83°8	—	—	—	—	830	861	830	87°8	87°2	

NOTE.—No observations were taken on Sundays during 1860.

## COLOMBO (R.E.).

1861.	ins.	ins.	80°4	83°3	78°6	72°8	84°4	68°5	30th	87°1	17th	in.	in.	in.	%	%	%
January -	29°888	29°799	80°4	83°3	78°6	72°8	84°4	68°5	30th	87°1	17th	in.	in.	in.	%	%	%
February -	905	795	79°5	82°3	78°1	71°8	84°3	67°5	1st	86°5	4th	839	863	839	82°6	77°8	
March -	909	802	82°3	83°8	79°9	73°9	85°8	72°0	5th	88°5	28th	808	810	808	81°6	75°5	
April -	841	750	81°6	82°3	80°1	75°9	84°3	72°0	11th	87°5	3rd	899	905	899	83°8	80°2	
May -	823	742	83°6	83°9	82°3	79°1	85°5	74°8	31st	88°0	16th	933	929	933	88°4	86°2	
June -	891	799	81°2	81°1	80°1	77°3	82°9	74°5	12th	84°0	6, 11, 22	937	938	937	83°5	82°8	
July -	857	792	80°2	80°6	79°5	77°0	82°0	73°2	15th	83°5	1st	898	897	898	86°4	85°4	
August -	869	796	80°2	80°8	79°4	76°7	82°1	72°5	20th	83°3	30th	878	871	878	87°0	85°2	
September -	881	801	80°9	81°2	79°9	77°0	82°7	74°0	3rd	83°5	7, 11, 13	877	870	877	86°9	84°5	
October -	914	810	81°3	82°6	79°7	75°9	83°5	72°7	26th	85°5	10th	899	886	899	87°0	85°1	
November -	878	801	80°3	81°2	78°6	74°1	83°1	71°5	8th	84°5	22, 28	903	909	903	86°4	83°5	
December -	29°905	29°815	79°4	81°5	77°6	72°1	83°0	69°0	30th	85°0	4, 6, 11	893	894	893	88°2	85°8	
Year -	29°880	29°792	80°9	82°1	79°5	75°3	83°6	—	—	—	—	836	865	836	84°9	82°2	

NOTE.—No observations were taken on Sundays during 1861.

## COLOMBO (R.E.).

1862.	ins.	ins.	79°6	81°7	78°0	72°7	83°3	70°2	20th	85°8	20th	in.	in.	in.	%	%	%
January -	29°896	29°818	79°6	81°7	78°0	72°7	83°3	70°2	20th	85°8	20th	in.	in.	in.	%	%	%
February -	880	794	78°5	80°8	77°1	71°9	82°2	68°2	22nd	84°3	22nd	846	863	846	85°5	82°5	
March -	29°915	29°823	81°2	83°0	79°1	73°6	84°5	72°0	10th	86°3	26th	846	863	846	88°6	83°9	
April -												906	907	906	87°1	82°3	
May -																	
June -																	
July -																	
August -																	
September -																	
October -																	
November -																	
December -																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations were taken on Sundays during 1862.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

COLOMBO.

1859.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	4.4	6.8		3.070	1.780	4th	9																	
February -	3.6	4.8		3.555	1.150	3rd	5																	
March -	3.3	4.1		9.170	4.580	14th	9																	
April -	3.1	5.1		14.540	—	—	18																	
May -	4.6	5.2		12.125	4.340	18th	11																	
June -	4.9	5.5		7.130	—	—	16																	
July -	6.9	6.8		4.115	1.540	6th	10																	
August -	5.1	7.8		5.870	2.240	15th	11																	
September	5.7	6.5		8.746	2.485	28th	11																	
October -	4.6	6.2		5.790	—	—	17																	
November	6.1	8.4		13.930	—	—	25																	
December	5.2	7.1		11.280	3.200	8th	18																	
Year -	4.8	6.2		99.321	—	—	160																	

NOTE.—No observations were taken on Sundays during 1859.

COLOMBO.

				ins.	ins.																		
1860.																							
January -	3.9	5.4		4.655	2.520	10th	6																
February -	5.0	5.1		1.400	.600	23rd	6																
March -	3.6	4.3		1.930	.680	21st	5																
April -	3.8	4.6		3.540	2.520	5th	3																
May -	6.8	6.2		7.510	5.180	23rd	9																
June -	6.2	7.0		4.040	1.020	25th	14																
July -	5.5	6.1		0.330	.180	2nd	3																
August -	5.2	6.4		1.570	.900	22nd	4																
September -	5.6	6.4		4.900	1.500	28th	14																
October -	6.4	8.0		17.510	3.500	18th	18																
November -	4.0	5.3		2.360	1.000	2nd	9																
December -	6.3	6.1		5.100	1.350	18th	12																
Year -	5.2	5.9		54.845	—	—	103																

NOTE.—No observations were taken on Sundays during 1860.

COLOMBO.

				ins.	ins.																		
1861.																							
January -	2.8	4.4		2.005	.950	7th	5																
February -	3.9	4.5		0.780	.610	21st	3																
March -	2.6	4.2		1.900	.840	11th	10																
April -	6.8	6.9		33.380	9.150	18th	21																
May -	5.6	5.8		5.430	1.375	30th	9																
June -	7.4	6.3		4.868	1.110	12th	12																
July -	7.0	6.0		3.480	1.450	15th	8																
August -	6.0	5.7		4.290	—	—	13																
September -	5.0	5.8		4.080	1.430	2nd	9																
October -	4.5	5.1		2.920	1.150	26th	6																
November -	5.6	6.5		17.665	8.400	5th	19																
December -	4.7	5.3		4.850	2.000	19th	3																
Year -	5.2	5.5		85.648	—	—	118																

NOTE.—No observations were taken on Sundays during 1861.

COLOMBO.

				ins.	ins.																		
1862.																							
January -	4.7	5.9		8.250	5.100	31st	6																
February -	4.8	5.1		2.785	1.190	13th	7																
March -	4.2	3.7		4.580	1.400	10th	7																
April -																							
May -																							
June -																							
July -																							
August -																							
September -																							
October -																							
November -																							
December -																							
Year -	—	—		—	—	—	—																—

NOTE.—No observations were taken on Sundays during 1862.



## COLOMBO (A.M.D.).

Long. 79° 50' E. Lat. 6° 56' N. Height above Mean Sea Level, 18 feet.

1865.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins. 29.864		83.3		82.0	74.6	89.4	71.0		96.3		in. .910		in.		% 80	%
February -	.874		84.9		84.2	73.7	94.6	70.2		99.0		1.003				84	
March -	.854		86.0		82.0	74.0	90.0	72.0		91.8		1.036				83	
April -	.794		85.8		81.5	74.1	88.9	69.8		92.8		1.006				81	
May -	.810		83.0		80.1	74.7	85.4	70.0		89.8		.847				75	
June -	.810		85.0		85.1	78.4	91.8	65.8		98.8		1.082				90	
July -	.885		83.2		82.5	74.4	90.6	66.2		93.8		.922				81	
August -	.825		83.4		83.5	75.8	91.1	69.4		97.0		.879				76	
September -	29.900		84.3		83.2	75.3	91.1	72.0		94.6		.846				72	
October -	—		83.0		80.8	71.8	89.7	69.4		93.8		.833				74	
November -	—		83.2		81.0	72.1	89.8	70.0		93.8		.816				72	
December -	—		83.2		80.9	70.7	91.0	67.2		95.8		.772				68	
Year -	—		84.0		82.2	74.1	90.3	—		—		.913				78.0	

## COLOMBO (A.M.D.).

1866.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.961	29.874	80.9	85.0	79.9	69.0	90.7	65.5	17th	95.2	22nd	.742	.730		71	60	
February -	.915	.809	83.2	86.1	80.3	70.8	89.8	67.0	20, 26	92.5	6th	.794	.708		70	57	
March -	.907	.818	86.3	87.3	82.8	72.8	92.8	69.2	12th	95.4	27th	.835	.792		66	61	
April -	.887	.798	86.9	87.6	84.2	74.4	93.9	70.5	24th	97.0	1, 16, 19	.901	.878		70	67	
May -	.900	.826	85.6	88.5	84.9 <sup>4</sup>	77.2 <sup>4</sup>	92.5	71.0	22nd	98.0	10th	.926	.945		75	74	
June -	.886	29.810	85.2	85.2	82.7 <sup>5</sup>	75.7 <sup>5</sup>	89.7	70.0	25th	92.4	7th	.903	.874		74	71	
July -	.933	—	82.6	84.7	80.7	71.5	89.8	66.0	21st	95.0	2nd, 5th	.797	.808		72	67	
August -	.923	—	83.9	85.4	79.9	70.8	88.9	66.0	24, 25	92.0	15, 17	.719	.744		61	61	
September -	.940	29.795	85.2	85.6	80.5	70.3	90.6	65.0	23rd	95.0	10th	.711	.737		58	60	
October -	.944	.822	84.7	85.3	80.8	70.6	90.9	66.4	6th	95.8	14th	.790	.759		65	62	
November -	.955	.838	84.7	85.7	—	—	97.5	—	—	112.0	3rd	.790	.702		65	57	
December -	29.945	29.830	83.0	—	83.8	72.3	95.3	70.0	2, 3, 21	110.0	9th	.762	—		68	—	
Year -	29.925	—	84.4	—	—	—	91.9	—	—	—	—	.806	—		67.9	—	

## COLOMBO (A.M.D.).

1867.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.956	29.827	81.7	—	82.3	73.0	91.5	70.0	24, 25, 26	96.0	27th	.743	—		69	—	
February -	.928	.827	83.8	84.9	—	—	90.8	—	—	94.0	25th	.717	.743		61	61	
March -	.945	.812	87.5	88.8	—	—	92.6	—	—	96.0	12, 14	.908	.842		70	62	
April -	.920	.809	86.2	86.9	—	—	91.3	—	—	94.0	2nd	.769	.759		61	59	
May -	.928	.812	85.5	84.5	—	—	90.1	—	—	92.0	1, 13, 23	.759	.796		61	67	
June -	.930	.814	84.4	85.1	—	—	90.6	—	—	93.0	20th	.713	.692		60	58	
July -	.915	.817	83.9	84.4	—	—	90.9	—	—	96.5	6th	.814	.789		70	66	
August -	.913	.808	85.2	85.7	—	—	91.9	—	—	95.0	16th	.757	.718		62	58	
September -	29.920	29.804	84.3	85.9	—	—	94.5	—	—	99.5	23rd	.703	.695		59	56	
October -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
November -	—	—	82.8	84.9	80.5	74.5	86.5	70.0	1, 4, 28	89.5	18, 20, 23	.865	.837		78	69	
December -	—	—	81.2	83.9	83.9	74.2	93.5	70.0	22nd	98.0	14, 27, 29	.799	.752		75	64	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## COLOMBO (A.M.D.).

1868.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	81.2	84.2	84.6	74.5	94.7	68.0	10th	102.0	6th	.759	.745		71	64	
February -	—	—	82.3	84.8	84.6	75.3	93.8	72.0	5th, 17th	97.0	20th	.725	.685		66	57	
March -	—	—	83.3	85.4	85.0	73.6	96.4	68.0	25, 27, 29	102.0	31st	.688	.703		60	58	
April -	—	—	83.8	86.4	86.6	74.9	98.2	72.0	13th	100.0	13th	.651	.704		56	56	
May -	—	—	83.9	86.6	86.5	74.9	98.0	71.0	20th	104.0	12th	.752	.713		64	56	
June -	—	—	84.1	86.2	84.1	76.3	91.8	65.8	29th	98.8	23rd	.906	.931		78	73	
July -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
August -	—	—	81.6	84.4	83.1	72.5	93.6	70.0	10, 20, 27	99.0	23rd	.724	.683		68	57	
September -	—	—	81.7	83.5	82.4	70.9	93.9	70.0	1, 12, 28	98.0	29th	.694	.689		64	59	
October -	—	—	83.4	84.9	83.3	71.2	95.4	70.0	3, 17, 31	99.0	21st	.731	.696		63	58	
November -	—	—	84.3	86.0	84.3	71.2	97.4	69.4	16th	103.0	23rd	.703	.658		59	53	
December -	—	—	84.6	86.3	84.3	73.3	95.2	70.0	1st, 16th	101.0	4th	.752	.752		63	63	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

COLOMBO.

1865.	. Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	3'9			0'220			3							57	—	0	—	0	—	5	—	—	
February -	1'4			0'320			1							27	—	0	—	0	—	29	—	—	
March -	2'4			4'300			1							—	—	—	—	—	—	—	—	—	
April -	4'0			7'470			15							2	—	12	—	21	—	23	—	2	
May -	5'0			20'730			27							0	—	1	—	35	—	26	—	—	
June -	4'6			4'210			11							0	—	0	—	28	—	32	—	—	
July -	8'3			6'870			16							0	—	2	—	32	—	28	—	—	
August -	3'5			1'030			8							0	—	0	—	28	—	34	—	—	
September -	2'9			0'700			3							0	—	0	—	29	—	31	—	—	
October -	4'9			16'530			21							4	—	7	—	26	—	25	—	—	
November -	5'9			8'290			13							10	—	2	—	17	—	31	—	—	
December -	4'2			4'430			8							38	—	7	—	5	—	12	—	—	
Year -	4'3			75'100			127							—	—	—	—	—	—	—	—	—	

COLOMBO.

1866.				ins.	ins.																	
January -	3'6	3'8		2'300	1'000	15th	6	0	0	1				14	9	0	10	0	0	1	28	0
February -	8'8	3'4		1'460	5'70	12th	5	0	0	3				7	2	0	8	0	8	9	17	5
March -	5'6	4'1		2'480	9'30	13th	3	0	0	0				2	2	1	11	1	17	13	15	0
April -	5'8	5'3		11'750	2'830	2, 24	16	0	0	10				1	1	0	10	3	37	8	0	0
May -	5'8	5'4		4'790	1'450	2nd	11	0	0	3				0	1	0	0	2	59	0	0	0
June -	6'4	5'5		3'850	1'500	15th	13	0	0	3				0	0	0	0	4	56	0	0	0
July -	3'1	3'2		4'301	2'040	19th	15	0	0	0				0	0	0	0	0	62	0	0	0
August -	3'0	5'6		0'110	0'50	4, 7	3	0	0	0				0	0	0	0	0	62	0	0	0
September -	5'1	4'6		6'064	2'500	26th	4	0	0	2				0	0	0	0	0	60	0	0	0
October -	4'1	4'4		16'417	4'028	14th	16	0	0	13				0	1	0	15	0	43	2	0	1
November -	2'7	4'2		15'302	4'000	18th	16	0	0	18				4	15	13	2	3	4	2	6	11
December -	3'0	5'1		6'150	2'500	14th	8	0	0	4				5	2	35	8	1	1	0	1	9
Year -	4'8	4'6		75'034	—	—	116	0	0	57				33	33	49	64	14	409	35	67	26

COLOMBO.

1867.				ins.	ins.																	
January -	3'9	4'4		1'000	5'500	21, 31	2	0	0	4				4	2	39	4	1	2	8	2	0
February -	1'7	1'7		2'871	2'800	25th	4	0	0	15				11	0	21	1	5	5	6	2	5
March -	1'3	1'2		7'746	6'250	29th	7	0	0	4				2	5	26	1	0	0	3	1	24
April -	2'2	1'9		15'020	2'750	22nd	12	0	0	20				1	2	24	1	1	1	4	1	25
May -	3'0	2'3		13'072	3'500	12th	18	0	0	31				4	1	10	2	7	32	2	2	2
June -	1'7	1'9		1'379	1'070	20th	4	0	0	6				0	0	1	0	10	47	2	0	0
July -	2'4	2'1		17'154	6'521	6th	11	0	0	13				0	0	0	0	7	55	0	0	0
August -	2'3	1'6		3'020	1'500	30th	3	0	0	0				0	0	0	0	23	39	0	0	0
September -	1'9	1'8		0'020	0'020	7th	1	0	0	0				0	0	0	0	9	51	0	0	0
October -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
November -	2'1	2'0		6'345	2'500	24th	11	0	0	19				0	46	4	2	6	1	1	0	0
December -	1'5	2'5		5'000	2'500	6, 9	2	0	0	0				4	45	7	0	0	0	3	3	0
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

COLOMBO.

1868.				ins.	ins.																	
January -	2'4	2'3		13'243	3'000	25th	11	0	0	0				16	32	5	2	2	1	0	4	0
February -	1'6	1'8		1'000	1'000	1st	1	0	0	1				10	8	16	5	16	2	1	0	0
March -	2'0	4'1		0'040	0'020	16th	3	0	0	0				0	0	4	10	33	15	0	0	0
April -	1'0	1'8		3'550	2'050	1st	2	0	0	1				0	0	1	2	33	24	0	0	0
May -	2'0	1'7		25'524	7'000	15th	8	0	0	15				0	0	1	25	10	26	0	0	0
June -	4'4	4'8		4'101	2'000	29th	6	0	0	1				0	0	0	0	0	55	5	0	0
July -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
August -	1'6	1'7		7'510	3'000	9th	4	0	0	0				0	0	1	8	35	18	0	0	0
September -	1'4	1'7		7'135	2'012	27th	8	0	0	1				0	0	0	18	0	42	0	0	0
October -	1'5	1'6		24'721	5'000	27th	13	0	0	1				1	3	0	2	0	56	0	0	0
November -	1'4	1'4		11'020	5'000	27th	4	0	0	0				0	40	0	0	0	20	0	0	0
December -	1'5	2'2		12'082	3'000	16th	8	0	0	1				0	31	0	1	0	27	0	0	3
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—



## COLOMBO (A.M.D.).

Long. 79° 50' E. Lat. 6° 56' N. Height above Mean Sea Level, 18 feet.

1869.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	82°·1	86°·0	84°·1	72°·7	95°·5	70°·0	1st, 4th	99°·4	6th	·693	·643	·668	59	52	—
February -	—	—	84°·3	85°·9	84°·1	73°·1	95°·1	71°·0	20, 22, 27	99°·0	1st	·668	·668	·668	56	54	—
March -	—	—	84°·2	85°·9	85°·4	72°·3	98°·5	70°·0	10, 23	99°·9	29th	·712	·695	·712	60	56	—
April -	—	—	86°·9	87°·6	84°·0	74°·1	93°·9	70°·5	29th	97°·0	1, 16, 30	·883	·878	·883	69	67	—
May -	—	—	84°·3	84°·8	84°·0	73°·3	94°·6	72°·0	5, 17, 19	97°·0	3rd, 5th	·695	·636	·695	58	53	—
June -	—	—	82°·9 <sup>8</sup>	84°·7 <sup>8</sup>	84°·9 <sup>8</sup>	73°·4 <sup>8</sup>	96°·3 <sup>8</sup>	70°·0 <sup>8</sup>	21st	99°·5 <sup>8</sup>	14th	·707 <sup>8</sup>	—	—	62 <sup>8</sup>	—	—
July -	—	—	84°·1	85°·4	85°·2	73°·6	96°·7	70°·2	22nd	99°·7	16th	·682	·918	·682	58	74	—
August -	—	—	85°·8	87°·6	85°·0	72°·9	97°·0	70°·2	2nd	99°·4	7th	·661	·657	·661	54	50	—
September -	—	—	84°·1	85°·6	85°·2	73°·7	96°·7	70°·2	22nd	99°·5	23rd	·701	·922	·701	59	75	—
October -	—	—	86°·5	87°·8	85°·1	71°·5	98°·7	70°·0	7, 13, 29	99°·9	22nd	·675	·801	·675	53	61	—
November -	—	—	85°·7	86°·8	85°·5	72°·6	98°·3	70°·0	7th, 26th	99°·9	8th	·718	·691	·718	58	55	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## COLOMBO (A.M.D.).

1870.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	29°857	29°747	85°2	85°3	83°2	72°3	94°1	69°0	5th, 30th	97°0	24th	·908	·897	·908	74	73	73
May -	—	—	84°4 <sup>12</sup>	85°7 <sup>12</sup>	83°2	72°1 <sup>12</sup>	94°2 <sup>12</sup>	67°0	3rd	96°0	24, 25, 31	·942 <sup>12</sup>	·955 <sup>12</sup>	·942 <sup>12</sup>	79 <sup>12</sup>	77 <sup>12</sup>	77 <sup>12</sup>
June -	—	—	83°4	84°6	82°4	72°8	91°9	69°0	19th	95°5	3rd	·898	·954	·898	78	81	81
July -	—	—	83°0	84°3	80°2	70°8	89°5	66°0	14th	92°5	24th	·900	·938	·900	80	80	80
August -	—	—	81°7	82°8	81°1	73°4	88°7	68°0	13th	90°7	19th	·888	·852	·888	82	76	76
September -	—	—	81°3	82°9	79°0	71°8	86°1	68°3	13th	89°0	4th	·896	·975	·896	84	87	87
October -	—	—	81°2	82°4	77°6	70°5	84°7	67°1	26th	87°2	1st	·903	·939	·903	85	85	85
November -	—	—	81°6	84°3 <sup>7</sup>	80°9	72°0	89°8	70°0	2nd, 18th	93°8	15th	·876	·855 <sup>7</sup>	·876	82	73 <sup>7</sup>	73 <sup>7</sup>
December -	29°938	29°829 <sup>2</sup>	79°6	84°3 <sup>2</sup>	79°1	68°2	90°0	64°0	15th	93°4	16, 19	·796	·743 <sup>2</sup>	·796	79	63 <sup>2</sup>	63 <sup>2</sup>
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## COLOMBO (A.M.D.).

1871.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29°896	29°809	82°2	84°4	82°0	74°6	89°4	69°8	26th	96°3	30th	·888	·953	·888	81	80	80
February -	·924	·829	83°6	84°7	80°7	70°5	90°8	68°0	26th	94°0	25th	·680	·746	·680	58	62	62
March -	·909	·821	83°2	84°7	80°7	69°2	92°1	63°0	5th	97°4	3rd	·882	·937	·882	77	78	78
April -	29°887	29°795	86°9	87°6	84°2	74°4	93°9	70°5	24th	97°0	1, 16, 19	·901	·878	·901	70	67	67
May -	—	—	82°8	83°3	80°4	74°7	86°1	70°0	16th	93°6	30th	·909	·905	·909	81	80	80
June -	29°890	29°808	85°2	85°2	82°7	75°6	89°7	70°0	25th	92°4	7th	·903	·869	·903	74	71	71
July -	·879	·804	82°5	84°7	81°8	72°0	91°5	64°5	8th	97°6	1st	·891	·937	·891	81	78	78
August -	·913	·847	82°4	84°5	82°1	73°1	91°1	68°4	26th	93°6	29th	·879	·946	·879	79	80	80
September -	·903	·795	84°0	85°1	83°3	75°4	91°1	72°0	18th	94°6	11th	·850	·833	·850	73	69	69
October -	·901	·828	82°5	84°3	80°7	70°9	90°5	65°4	18th	93°2	29th	·886	·913	·886	80	77	77
November -	·894	·814	83°2	84°6	80°6	70°2	91°0	64°7	9th	93°4	10th	·856	·914	·856	73	77	77
December -	29°921	29°846	81°5	84°6	80°3	71°1	89°5	68°3	6th, 17th	91°6	2nd	·853	·924	·853	80	78	78
Year -	—	—	83°3	84°8	81°6	72°6	90°6	—	—	—	—	·865	·896	—	75°6	74°8	—

## COLOMBO (A.M.D.).

1872.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29°922	29°838	80°1	84°4	79°5	68°7	90°3	62°5	9th	94°2	5th	·837	·902	·837	82	76	76
February -	·925	·844	82°3	85°3	81°0	70°1	91°8	65°4	24th	94°6	22nd	·820	·907	·820	75	74	74
March -	·924	·858	84°7	86°4	82°1	70°5	93°6	65°2	4th	96°4	31st	·873	·937	·873	73	74	74
April -	·892	·826	84°7	85°8	85°1	71°9	98°3	67°4	9th	102°4	20th	·887	·986	·887	74	79	79
May -	·875	·810	83°6	85°7	82°5	71°3	93°7	65°4	25th	97°4	10th	·895	·965	·895	78	78	78
June -	·847	·785	84°2	85°3	81°7	70°6	92°7	65°4	9th	95°4	1st	·875	·932	·875	74	76	76
July -	·883 <sup>7</sup>	·817 <sup>7</sup>	84°0 <sup>7</sup>	85°2 <sup>7</sup>	79°9 <sup>7</sup>	69°5 <sup>7</sup>	90°2 <sup>7</sup>	65°4	6th	92°7	23rd	·850 <sup>7</sup>	·903 <sup>7</sup>	·850 <sup>7</sup>	73 <sup>7</sup>	74 <sup>7</sup>	74 <sup>7</sup>
August -	·874	·792	84°4	85°9	83°1	72°1	94°1	68°4	8th	98°3	12th	·872	·962	·872	73	77	77
September -	·868	·807	82°6	84°4	78°4	67°1	89°7	63°2	10th	93°6	3rd	·879	·942	·879	80	79	79
October -	·910 <sup>12</sup>	·845 <sup>12</sup>	84°3 <sup>12</sup>	85°8 <sup>12</sup>	81°6 <sup>12</sup>	70°5 <sup>12</sup>	92°6 <sup>12</sup>	67°4	27th	94°8	30th	·888 <sup>12</sup>	·944 <sup>12</sup>	·888 <sup>12</sup>	75 <sup>12</sup>	76 <sup>12</sup>	76 <sup>12</sup>
November -	·873	·809	81°3	84°6	79°8	69°6	90°0	64°8	15th	92°4	16th	·839	·904	·839	79	76	76
December -	29°921	29°842	81°5	84°0	80°4	71°5	89°3	68°3	24th	91°6	1st	·853	·980	·853	80	84	84
Year -	29°893	29°823	83°1	85°2	81°3	70°3	92°2	—	—	—	—	·864	·939	—	76°3	76°9	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

COLOMBO.

1869.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ius.	ins.																	
January -	1.2	1.7		5.020	4.000	17th	2	0	0	1				1	60	0	0	0	1	0	0	0
February -	1.3	1.3		2.140	1.120	9th	4	0	0	0				0	50	0	0	0	6	0	0	0
March -	1.3	1.6		9.020	3.010	24th	4	0	0	3				0	60	0	0	0	2	0	0	0
April -	5.8	5.3		5.830	2.830	2nd	4	0	0	1				1	23	1	2	8	19	6	0	0
May -	1.2	2.3		6.031	2.000	22, 31	4	0	0	0				0	21	0	0	0	41	0	0	0
June -	1.5 <sup>8</sup>	1.6 <sup>8</sup>		16.536	2.250	21st	13	0	0	0				0	0	0	0	0	61	1	0	0
July -	1.3	1.5		21.770	3.000	24, 31	14	0	0	0				0	5	0	0	0	57	0	0	0
August -	1.5	1.3		10.696	2.750	10th	10	0	0	0				0	3	0	0	0	59	0	0	0
September -	1.3	1.6		20.760	3.000	24th	12	0	0	4				0	5	0	0	0	55	0	0	0
October -	1.2	1.5		21.174	2.120	12th	19	0	0	5				0	0	0	0	0	62	0	0	0
November -	1.7	1.5		22.900	3.000	10, 15	15	0	0	1				0	0	0	0	0	60	0	0	0
December -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

COLOMBO.

1870.				ins.	ins.																	
January -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
February -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
March -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
April -	2.7	2.8		6.780	2.230	5th	9	0	0	2				—	—	—	—	—	—	—	—	—
May -	3.4 <sup>12</sup>	2.4 <sup>12</sup>		4.810	1.520	2nd	—	0	0	0				—	—	—	—	—	—	—	—	—
June -	3.1	3.1		3.180	.800	2nd	13	0	0	1				—	—	—	—	—	—	—	—	—
July -	4.6	4.5		2.210	.460	14th	8	0	0	1				—	—	—	—	—	—	—	—	—
August -	4.9	5.1		—	—	—	—	0	0	0				—	—	—	—	—	—	—	—	—
September -	4.7	4.0		—	—	—	—	0	0	0				—	—	—	—	—	—	—	—	—
October -	6.3	6.6		40.620	5.730	17th	25	0	0	5				—	—	—	—	—	—	—	—	—
November -	2.8	3.1 <sup>7</sup>		7.340	2.000	5th	15	0	0	0				—	—	—	—	—	—	—	—	—
December -	3.3	3.8 <sup>2</sup>		5.100	.800	19th	11	0	0	1				—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

NOTE.—Rainfall for October–December 1870 is from a gauge 18 feet above ground.

COLOMBO.

1871.				ins.	ins.																	
January -	3.2	4.6		6.510	3.200	24th	12	0	0	0				35	1	0	0	1	3	10	12	0
February -	1.7	1.7		2.830	.730	17th	9	0	0	0				10	5	21	4	9	2	1	2	2
March -	3.0	4.7		6.920	1.800	23rd	14	0	0	6				0	3	9	8	11	11	18	2	0
April -	5.8	5.3		—	—	—	17	0	0	10				1	0	0	11	3	37	8	0	0
May -	5.1	5.4		8.140	1.040	1st	19	0	0	0				0	0	0	2	10	48	2	0	0
June -	6.1	5.5		4.750	1.500	16th	13	0	0	0				0	0	0	0	1	59	0	0	0
July -	6.5	5.9		8.040	2.900	18th	18	0	0	0				0	0	0	12	12	32	6	0	0
August -	5.8	5.2		3.200	1.750	29th	13	0	0	0				0	0	0	0	24	27	11	0	0
September -	3.2	2.7		4.510	1.270	5th	11	0	0	5				0	0	0	0	13	45	2	0	0
October -	4.3	4.7		8.240	2.650	20th	22	0	0	3				0	0	0	0	0	14	48	0	0
November -	4.4	3.6		10.250	1.750	12th	20	0	0	0				9	8	0	0	0	0	9	33	1
December -	3.9	4.5		5.080	2.100	11th	14	0	0	1				19	37	0	0	0	0	0	5	1
Year -	4.4	4.5		—	—	—	182	0	0	25				74	54	30	37	84	278	115	54	4

NOTE.—Rainfall for January–March 1871 is from a gauge 18 feet above the ground.

COLOMBO.

1872.				ins.	ins.																	
January -	4.1	4.1		1.640	.730	3rd	6	0	0	2				13	47	0	0	0	0	0	2	0
February -	3.4	4.2		1.480	.610	20th	6	0	0	0				14	34	0	0	0	0	0	10	0
March -	3.7	3.1		4.870	1.060	17th	10	0	0	0				5	0	0	0	12	14	15	13	3
April -	4.7	6.8		15.570	3.270	30th	25	0	0	11				0	0	0	0	9	48	0	0	3
May -	4.9	5.1		3.410	.350	18th	20	0	0	0				0	0	0	0	5	41	11	4	1
June -	5.6	5.1		3.510	.720	3rd	14	0	0	0				0	0	0	0	0	50	10	0	0
July -	4.7 <sup>7</sup>	4.6 <sup>7</sup>		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
August -	4.8	5.2		3.970	1.140	20th	10	0	0	0				0	0	0	0	27	19	13	3	0
September -	7.5	6.1		17.030	3.080	6th	22	0	0	3				0	0	0	1	16	21	17	5	0
October -	6.6 <sup>12</sup>	6.5 <sup>12</sup>		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
November -	6.2	5.8		8.200	2.170	22nd	19	0	0	6				18	37	0	0	0	0	0	5	0
December -	3.9	4.4		0.570	.280	19th	3	0	0	0				22	34	0	0	0	0	0	6	0
Year -	5.0	5.1		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## COLOMBO (A.M.D.).

Long. 79° 50' E. till March, then 79° 52' E. Lat. 6° 56' N. Height above Mean Sea Level, 18 feet till March, then 42 feet.

1873.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins. 29.893	ins. 29.824	84.1 84.1	86.9 86.9	80.8 80.8	69.7 69.7	91.9 91.9	65.3 65.3	13th 13th	94.7 94.7	29th 29th	.901 .901	.999 .999	in. in.	77 77	77 77	% %
February -	.925 29.915	.830 29.855	83.6 85.2	84.8 86.9	80.9 82.0	70.9 70.7	90.8 93.3	68.0 68.2	26th 21st	94.0 96.2	25th 13th	.680 .879	.745 .932	in. in.	58 72	62 73	% %
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	in.	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	in.	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	in.	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	in.	—	—	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	in.	—	—	—
August -	29.863	29.779	81.3	82.9	81.2	77.9	84.4	75.8	14th	87.0	12, 16	.891	.897	in.	83	80	%
September -	.909	.805	81.5	83.5	80.8 <sub>2</sub>	76.7	84.9	73.8	26th	87.6	29th	.868	.861	in.	81	75	%
October -	29.895	29.792	81.5	82.2	80.4	76.6	84.1	73.3	25th	87.5	29th	.887	.883	in.	82	80	%
November -	—	—	—	—	—	—	—	—	—	—	—	—	—	in.	—	—	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	in.	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	in.	—	—	—

## COLOMBO (A.M.D.).

Long. 79° 52' E. till March, then 79° 50' E. Lat. 6° 56' N. Height, 42 feet till March, then 16 feet.

1874.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.958	29.841	79.6	83.5	79.4	73.6	85.1	69.3	16, 17	89.0	29th	.765	.776		76	68	
February -	.939	.808	81.3	83.9	79.8	74.6	85.0	72.4	11th	88.2	24th	.806	.805		76	69	
March -	.903	.776 <sup>1</sup>	82.9	86.5 <sup>1</sup>	81.6	75.7	87.4	71.0	5th	90.0	3rd	.812	.800 <sup>1</sup>		72	62 <sup>1</sup>	
April -	.889	.778	88.2	90.9	84.4	73.0	95.8	68.0	24, 25	98.6	7th	.899	.901		67	61	
May -	.858	.767	86.1	86.7	84.0	76.4	91.6	71.2	5th	97.2	8th	.912	.921		73	72	
June -	.876	.797	85.0	85.3	84.5	77.4	91.6	74.0	15th	95.8	11th	.907	.902		75	74	
July -	.887	.808	83.5	85.0	83.6	76.4	90.8	72.0	13th	93.0	14, 18	.868	.859		76	71	
August -	.905	.817	85.5	86.8	85.5	77.2	93.8	73.9	18th	96.1	27th	.884	.866		72	68	
September -	.904	.803	85.0	85.8	84.8	77.2	92.4	74.3	19th	95.6	2nd, 3rd	.869	.845		72	68	
October -	.922	.803	84.3	84.9	83.1	74.6	91.6	71.0	11th	95.4	11th	.860	.861		73	71	
November -	.966	.848	84.8	85.5	83.8	74.4	93.2	72.0	18th	97.5	5th	.858	.850		71	69	
December -	29.984	29.852	83.4	85.3	82.9	73.2	92.6	71.8	2nd	97.5	12th	.809	.826		70	67	
Year -	29.916	29.808	84.1	85.8	83.1	75.3	90.9	—	—	—	—	.854	.851		72.8	68.3	

## COLOMBO (A.M.D.).

Long. 79° 50' E. Lat. 6° 56' N. Height above Mean Sea Level, 16 feet.

1875.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.946	29.826	83.3	86.1	82.1	71.9	92.3	68.2	12th	98.4	20th	.778	.792		68	63	
February -	.946	.824	85.3	87.7	83.1	72.6	93.6	70.4	3rd	97.8	26, 28	.800	.836		65	63	
March -	.943	.822	87.7	88.5	84.9	74.7	95.1	70.1	9th	98.4	28th	.893	.888		68	65	
April -	.882	.769	88.6	90.0	85.4	75.9	94.8	72.5	20th	98.7	14th	.897	.896		67	64	
May -	.889	.793	86.4	88.2	85.8	76.2	95.3	71.2	29th	98.5	19th	.875	.905		69	67	
June -	.878	.790	83.5	84.5	83.1	75.1	91.0	72.3	4th	96.5	22nd	.898	.882		78	74	
July -	29.891	29.810	83.9	85.1	83.9	76.4	91.4	73.2	15th	95.5	29th	.882	.887		76	74	
August -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
September -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
October -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
November -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
December -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## NEWERA ELIYA (A.M.D.).

Long. 80° 48' E. Lat. 6° 48' N. Height above Mean Sea Level, 6,200 feet.

1866.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	61.6	63.7	57.5	48.1	66.9	33.0	22nd	72.5	5th, 13th	.382	.465		70	78	
February -	—	—	62.8	65.8	58.1	46.7	69.5	35.5	19th	72.0	22, 28	.357	.403		64	65	
March -	24.131	24.082	66.0	68.2	59.8	47.1	72.4	38.0	4th	75.0	21, 22, 25	.288	.413		44	59	
April -	.118	.073	65.2	67.2	61.5	51.3	71.7	37.0	16th	75.5	11th	.407	.446		65	67	
May -	.071	.016	66.7	68.4	62.9	53.8	72.0	45.0	14th	75.0	9, 15, 21	.384	.454		59	65	
June -	.071	.047	62.6	62.7	61.4	56.3	66.4	52.0	5th, 15th	74.0	1st, 7th	.454	.466		81	82	
July -	.081	.029	60.8	61.9	58.9	53.5	64.3	45.0	21st	70.0	3rd, 14th	.422	.446		80	81	
August -	.107	.037	61.7	63.7	59.2	52.3	66.1	42.2	23rd	71.6	23rd	.430	.425		79	73	
September -	.112	.036	60.8	61.7	59.1	53.3	64.9	45.5	2nd	70.0	22nd	.434	.447		83	81	
October -	.090	.023	62.7	61.9	58.7	51.6	65.8	43.8	15th	69.6	4th	.464	.469		82	84	
November -	.117	.051	63.6	61.7	58.0	49.4	66.5	42.5	11th	68.8	4th	.428	.467		73	85	
December -	24.132	24.074	61.7	62.1	54.8	43.6	65.9	32.0	16th	78.0	31st	.419	.452		76	81	
Year -	—	—	63.0	64.1	59.2	50.6	67.7	—	—	—	—	.406	.446		71.3	75.1	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

COLOMBO.

1873.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	4.2	4.2		0.040	.020	13, 23	2	0	0	0				8	53	0	0	0	0	0	1	0
February -	1.6	1.7		2.910	.840	4th	7	0	0	0				11	30	0	0	0	0	2	11	2
March -	5.5	4.8		6.210	1.120	25th	12	0	0	8				14	18	0	0	5	6	10	6	3
April -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
May -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
June -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
July -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
August -	6.3	6.8		2.070	1.050	14th	5	0	0	2				0	0	0	1	4	8	46	3	0
September -	5.4	6.2		1.320	.750	5th	6	0	0	0				0	0	0	1	2	18	37	1	1
October -	6.9	6.8		11.980	2.460	13th	18	0	0	2				0	0	0	0	4	18	37	3	0
November -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
December -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

COLOMBO.

				ins.	ins.																	
1874.																						
January -	4.0	5.3		2.230	1.570	24th	7	0	0	4				11	26	1	0	0	1	12	8	3
February -	4.4	4.8		5.180	2.400	5th	8	0	0	8				3	7	2	2	1	7	20	8	6
March -	5.2	5.2		1.660	.930	16th	3	0	0	5				0	7	1	4	0	38	1	8	3
April -	7.7	6.9		4.350	1.600	9th	10	0	0	1				0	2	0	2	2	40	0	1	13
May -	8.9	9.2		12.180	2.500	14th	22	0	0	2				0	0	0	0	0	51	0	4	7
June -	8.6	9.2		4.870	.890	4th	17	0	0	1				0	0	0	0	0	53	0	5	2
July -	9.2	9.0		2.450	.830	13th	9	0	0	0				0	0	0	0	1	59	0	0	2
August -	8.6	8.7		1.030	.350	18th	8	0	0	0				0	0	0	3	0	54	1	4	0
September -	8.7	9.3		1.540	.530	17th	9	0	0	0				0	0	0	0	0	59	0	1	0
October -	8.0	8.8		11.130	3.190	27th	17	0	0	1				0	0	0	0	0	59	0	1	2
November -	5.7	6.5		10.170	2.560	10th	15	0	0	13				1	9	1	14	2	17	2	8	6
December -	4.3	6.1		2.540	.750	25th	13	0	0	10				0	31	1	6	0	5	0	16	3
Year -	6.9	7.4		59.330	—	—	138	0	0	45				15	82	6	31	6	443	36	64	47

COLOMBO.

				ins.	ins.																	
1875.																						
January -	6.3	7.0		0.300	.220	29th	2	0	0	1				0	32	3	4	0	6	0	14	3
February -	3.7	5.4		0.050	.050	4th	1	0	0	3				0	27	1	1	0	6	0	21	0
March -	4.9	7.4		3.750	1.900	4th	11	0	0	17				0	5	2	12	0	29	0	7	7
April -	5.9	6.5		16.360	7.800	19th	10	0	0	14				0	3	0	9	2	33	0	7	6
May -	6.3	6.7		7.670	1.740	27th	14	0	0	7				0	0	0	13	0	49	0	0	0
June -	8.2	8.7		15.750	4.100	4th	16	0	0	4				0	0	0	1	0	54	4	1	0
July -	6.6	7.3		2.950	.750	3rd	11	0	0	0				0	0	0	2	3	57	0	0	0
August -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
September -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
October -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
November -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
December -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

NEWERA ELIYA.

				ins.	ins.																	
1866.																						
January -	4.5	6.4		9.731	2.777	26th	11	0	0	0				4	25	17	4	4	0	0	0	8
February -	4.2	5.8		0.675	.240	24th	7	0	0	1				0	1	21	10	11	0	4	0	9
March -	2.0	5.7		1.478	1.290	10th	5	0	0	1				0	5	7	35	10	0	0	0	5
April -	4.5	7.8		5.083	2.666	20th	10	0	0	5				2	1	10	40	7	0	0	0	0
May -	4.6	6.8		1.054	.520	3rd	6	0	0	2				0	0	7	22	4	0	29	0	0
June -	7.4	8.3		7.523	1.110	15th	20	0	0	5				0	0	0	1	0	3	56	0	0
July -	7.8	9.1		9.238	2.100	15th	24	0	0	0				0	0	0	0	0	34	28	0	0
August -	5.7	5.9		5.052	1.450	26th	14	0	0	3				0	0	0	0	0	58	3	0	1
September -	6.6	7.9		3.145	1.330	10th	18	0	0	3				0	0	0	0	0	60	0	0	0
October -	6.8	7.9		8.502	2.295	16th	18	0	0	2				0	1	3	6	0	49	1	2	0
November -	6.4	9.0		10.049	1.980	2nd	21	0	0	3				1	13	5	18	0	14	3	6	0
December -	6.8	8.5		5.908	2.350	7th	14	0	0	1				0	5	24	26	0	3	2	2	0
Year -	5.6	7.4		67.438	—	—	168	0	0	26				7	51	94	162	36	221	126	10	23

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## NEWERA ELIYA (A.M.D.).

Long. 80° 48' E. Lat. 6° 48' N. Height above Mean Sea Level, 6,200 feet.

1867.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9. am.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	24°135	24°089	61°7	61°2	55°0	37°3	72°7	18°9	26th	83°5	6th	348	417		64	78		
February -	131	075	63°3	65°6	56°4	40°6	72°1	20°2	20th	81°0	18th	339	383		59	61		
March -	134	100	67°8	67°6	58°1	39°4	76°7	26°3	13th	81°2	18th	411	434		60	64		
April -	117	064	69°0	66°8	59°3	41°2	77°3	32°0	16th	83°0	17th	413	458		58	70		
May -	064	038	66°2	64°5	63°5	50°5	76°4	40°5	3rd	81°0	8th, 25th	475	492		74	81		
June -	063	015	64°1	62°7	61°4	50°2	72°6	38°4	25th	79°3	2nd	445	459		75	80		
July -	056	24°021	62°3	60°9	59°9	51°2	68°6	43°3	4th	75°0	4th	474	462		84	87		
August -	035	23°994	63°2	63°6	59°2	49°1	69°2	40°8	17th	75°4	18th	438	427		76	73		
September	063	24°019	61°6	61°7	59°4	51°1	67°7	41°6	24th	76°0	28th	451	456		83	83		
October -	065	057	63°9	63°7	59°5	45°7	73°3	29°4	1st	81°4	2nd	441	435		74	73		
November	128	094	64°5	62°4	58°6	45°0	72°2	36°0	14, 20, 21	81°2	4th	419	451		69	80		
December	24°115	24°091	62°9	62°8	59°4	45°8	72°9	32°4	14th	78°0	15th	402	434		70	76		
Year -	24°092	24°055	64°2	63°6	59°1	45°6	72°6	—	—	—	—	421	442		70°5	75°5		

## NEWERA ELIYA (A.M.D.).

1868.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	24°137	24°090	61°7	61°4	55°1	37°4	72°8	18°9	26th	83°5	6th	348	401	348	64	74	
February -	—	—	64°1	68°3	56°9	35°4	78°4	14°0	24th	88°0	7th	348	427	348	59	61	
March -	24°134	24°101	67°5	67°5	58°2	39°5	76°8	26°3	13th	81°2	18th	414	435	414	61	64	
April -	—	—	69°2	69°4	58°3	39°1	77°4	30°0	29th	83°0	17th	403	470	403	55	65	
May -	—	—	69°1	71°8	60°5	41°7	79°2	30°6	3rd	82°4	11th	448	489	448	63	62	
June -	—	—	62°6	64°6	60°6	49°0	72°1	36°4	6th	77°6	12th	436	429	436	77	71	
July -	—	—	60°8	67°1	60°4	48°7	72°1	40°6	17th	81°4	24th	437	443	437	83	67	
August -	—	—	61°5	65°7	59°4	47°3	71°4	34°0	31st	79°0	20th	430	397	430	79	64	
September -	—	—	62°1	64°8	59°6	47°5	71°6	38°6	2nd	77°2	1st	438	418	438	78	69	
October -	—	—	66°7	67°8	59°9	43°9	75°8	38°0	25th	80°0	11th 21st	462	486	462	70	71	
November -	—	—	64°8	66°0	61°4	47°7	75°0	40°0	20th	83°0	13th	407	480	407	67	76	
December -	—	—	63°0	64°3	57°8	43°1	72°4	32°0	12th	78°2	9th	401	463	401	70	77	
Year -	—	—	64°4	66°6	59°0	43°4	74°6	—	—	—	—	414	445		68°8	68°4	

## NEWERA ELIYA (A.M.D.).

1869.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	—	—	63°3	65°2	56°4	40°1	72°6	25°0	31st	77°2	31st	414	469	414	71	76	
February -	—	—	67°0	68°7	57°5	36°1	78°8	25°0	1st	85°0	10th	353	425	353	53	60	
March -	—	—	72°8	68°0	58°8	33°8	83°8	28°0	26th	87°4	5th	338	461	338	42	67	
April -	—	—	64°8	68°2	—	51°2	—	41°0	7th	—	—	410	465	410	67	67	
May -	—	—	69°7	70°4	63°1	43°8	82°3	33°5	9th	90°7	10th	441	466	441	61	62	
June -	—	—	60°7	62°0	61°5	52°3	70°6	49°0	10, 11, 20	74°0	13th	453	456	453	86	82	
July -	—	—	62°5	64°0	61°0	50°2	71°7	43°0	28, 30	81°0	2nd	440	440	440	78	74	
August -	—	—	62°9	63°4	60°6	49°7	71°4	43°0	3rd, 4th	80°0	11th	441	450	441	77	77	
September -	—	—	62°0	62°7	59°9	49°2	70°6	42°0	8th	78°0	28th	453	450	453	82	79	
October -	—	—	63°5	63°4	59°0	46°3	71°6	31°8	18th	79°0	27th	453	466	453	77	80	
November -	—	—	64°7	62°8	59°4	45°3	73°4	37°3	13th	79°8	4th	482	509	482	79	89	
December -	—	—	65°4	65°9	57°1	39°3	74°9	22°3	7th	80°0	18th	470	487	470	76	77	
Year -	—	—	64°9	65°4	—	44°8	—	—	—	—	—	429	462		70°8	74°2	

## NEWERA ELIYA (A.M.D.).

1870.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	—	—	63°2	64°8	56°6	41°1	72°0	26°3	17th	79°0	2nd, 3rd	367	384	367	63	62	
February -	—	—	65°5	67°7	56°7	36°1	77°2	27°5	23rd	83°0	16th	356	401	356	56	59	
March -	—	—	67°9	66°9	60°5	41°6	79°4	29°0	16th	82°8	31st	368	396	368	53	60	
April -	—	—	69°0	67°8	59°4	39°3	79°5	28°5	9th	85°0	30th	372	413	372	52	61	
May -	—	—	69°4	67°6	62°3	46°3	78°2	35°5	26th	85°0	24, 26	436	470	436	61	70	
June -	—	—	64°9	63°0	60°6	48°8	72°4	41°0	27th	79°0	4th, 11th	454	437	454	74	76	
July -	—	—	61°0	61°9	58°4	48°6	68°2	41°0	26th	75°5	25th	416	426	416	78	77	
August -	—	—	62°1	61°9	58°6	47°0	70°1	39°0	21st	79°0	4th	432	437	432	77	79	
September -	—	—	62°6	61°9	58°5	46°7	70°3	33°0	2nd	79°0	27th	431	440	431	76	79	
October -	—	—	63°9	61°2	58°5	44°9	72°0	35°0	10, 31	78°0	11th	444	449	444	74	83	
November -	—	—	66°9	63°5	57°5	37°0	77°9	23°0	26th	82°0	7th	386	408	386	58	69	
December -	—	—	65°4	63°4	56°7	38°2	75°2	19°0	23rd	83°0	3rd	403	419	403	65	72	
Year -	—	—	65°2	64°3	58°7	43°0	74°4	—	—	—	—	405	423		65°6	70°6	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

NEWERA ELIYA.

1867.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	6.8	7.5		2.220	.500	31st	9	0	0	0				0	3	45	14	0	0	0	0	0		
February -	6.2	7.4		4.180	1.080	3rd	8	0	0	1				0	6	31	19	0	0	0	0	0		
March -	5.0	8.3		3.470	1.250	24th	9	0	0	2				2	0	34	23	0	0	2	1	0		
April -	5.9	8.8		4.910	1.190	29th	13	0	0	5				2	5	34	19	0	0	0	0	0		
May -	7.1	9.1		7.483	1.485	19th	19	0	0	1				7	4	2	13	0	1	13	22	0		
June -	7.9	8.8		3.995	.842	21st	11	0	0	0				12	0	0	0	0	1	10	37	0		
July -	7.8	9.1		7.566	3.454	9th	19	0	0	0				13	0	1	1	0	0	0	47	0		
August -	6.8	7.0		3.244	2.000	2nd	13	0	0	2				4	0	2	0	0	0	2	54	0		
September -	8.1	8.6		0.576	.082	10th	17	0	0	0				6	2	0	0	0	0	1	51	0		
October -	7.6	9.0		7.596	2.000	8th	19	0	0	5				12	2	14	0	3	1	5	25	0		
November -	5.3	7.5		2.399	1.015	3rd	16	0	0	0				0	0	0	22	2	3	0	33	0		
December -	4.8	6.6		8.086	2.000	20, 21	8	0	0	1				0	0	8	54	0	0	0	0	0		
Year -	6.6	8.1		55.725	—	—	161	0	0	17				58	22	171	165	5	6	33	270	0		

NEWERA ELIYA.

				ins.	ins.																	
1868.																						
January -	6.3	7.5		3.060	1.000	24th	8	0	0	0				0	0	45	0	17	0	0	0	0
February -	4.7	4.4		0.580	.500	18th	7	0	0	0				0	21	7	6	1	10	5	8	0
March -	6.3	6.0		1.125	1.000	19th	3	0	0	0				0	16	23	14	4	0	0	5	0
April -	4.8	7.1		6.791	1.075	18, 20	10	0	0	1				8	0	33	9	7	0	2	1	0
May -	4.6	5.7		2.380	1.000	18th	12	0	0	5				11	2	6	16	4	3	6	14	0
June -	7.0	5.9		6.705	1.750	5th	17	0	0	2				5	1	0	3	0	0	3	48	0
July -	7.7	7.1		6.000	1.030	2nd	24	0	0	3				4	2	2	0	0	0	0	54	0
August -	6.9	5.8		2.350	.350	4th	17	0	0	1				30	0	0	0	0	0	0	32	0
September -	7.3	7.2		11.690	4.350	26th	25	0	0	7				9	0	0	0	0	0	0	51	0
October -	4.1	9.0		12.660	1.360	17th	26	0	0	11				5	3	1	0	4	0	1	47	1
November -	4.9	6.1		3.615	1.600	1st	14	0	0	6				0	0	23	1	1	0	8	24	3
December -	5.9	6.5		7.439	2.000	17th	20	0	0	0				1	0	56	2	2	0	0	0	1
Year -	5.9	6.5		64.395	—	—	183	0	0	36				73	45	196	51	40	13	25	284	5

NEWERA ELIYA.

				ins.	ins.																	
1869.																						
January -	4.2	5.1		8.060	2.007	17th	17	0	0	1				0	0	60	0	1	0	1	0	0
February -	2.1	3.8		0.120	.060	27th	4	0	0	2				0	0	55	0	1	0	0	0	0
March -	1.5	3.9		0.149	.040	19th	5	0	0	9				0	0	19	24	0	0	0	0	19
April -	5.7	4.1		1.406	.500	8th	11	0	0	7				4	13	1	2	8	13	0	2	17
May -	2.4	3.3		2.065	.500	28th	13	0	0	5				18	2	5	5	2	0	21	3	6
June -	7.4	8.1		11.824	1.640	19th	27	0	0	0				0	0	0	0	0	0	60	0	0
July -	5.4	7.0		8.570	1.360	11th	26	0	0	0				0	0	1	1	3	0	57	0	0
August -	6.6	8.5		9.860	1.780	5th	28	0	0	0				0	0	0	0	0	0	62	0	0
September -	7.0	9.0		8.977	2.160	14th	27	0	0	1				0	0	0	0	0	0	60	0	0
October -	6.6	7.9		9.360	2.070	12th	24	0	0	6				15	0	0	0	0	27	15	3	2
November -	5.8	6.7		9.310	1.950	16th	26	0	0	0				0	27	0	15	0	15	3	0	0
December -	2.7	2.9		11.250	1.500	9, 13, 18	18	0	0	0				0	5	0	35	0	15	0	7	0
Year -	4.8	5.9		80.951	—	—	226	0	0	31				37	47	141	82	15	70	279	15	44

NEWERA ELIYA.

				ins.	ins.																	
1870.																						
January -	2.3	2.8		17.880	4.080	25th	16	0	0	0				0	7	0	30	8	14	0	3	0
February -	1.3	2.0		1.760	.780	1st	6	0	0	0				0	8	0	36	2	7	0	3	0
March -	1.8	4.8		2.560	.700	15, 23	10	0	0	1				0	50	0	3	0	9	0	0	0
April -	1.8	4.9		5.480	2.100	19th	10	0	0	10				0	48	0	0	0	0	0	12	0
May -	1.9	4.1		2.690	1.000	27th	15	0	0	8				0	13	0	1	0	34	0	13	1
June -	5.3	7.3		10.190	1.760	25th	24	0	0	2				0	1	0	0	0	48	9	2	0
July -	4.9	5.9		4.980	.800	6, 16	21	0	0	0				0	0	0	0	0	62	0	0	0
August -	4.2	5.5		5.480	.950	27th	21	0	0	0				0	0	0	1	0	60	1	0	0
September -	6.4	7.2		10.530	1.830	15th	24	0	0	0				1	0	1	2	0	45	8	3	0
October -	5.7	7.5		11.010	1.340	24th	30	0	0	0				0	3	3	1	1	36	18	0	0
November -	4.6	6.0		6.110	1.400	17th	15	0	0	0				0	44	0	1	0	9	6	0	0
December -	5.8	5.7		5.100	1.120	13th	14	0	0	1				0	57	2	2	0	1	0	0	0
Year -	3.8	5.3		83.770	—	—	206	0	0	22				1	231	6	77	11	325	42	36	1



## NEWERA ELIYA (A.M.D.).

Long. 80° 48' E. Lat. 6° 48' N. Height above Mean Sea Level, 6,200 feet.

1871.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	65°·6	62°·5	57°·2	40°·6	73°·8	20°·0	31st	81°·0	4th	·398	·415		64	73	
February -	—	—	70°·3	65°·4	55°·8	32°·5	79°·1	16°·0	10th	83°·0	27th	·339	·357		45	57	
March -	—	—	69°·3	64°·4	58°·2	37°·9	78°·4	25°·0	10th	84°·0	1st	·389	·396		54	65	
April -	—	—	70°·2	62°·8	60°·4	41°·4	79°·3	31°·0	3rd, 16th	83°·0	6th, 15th	·465	·426		63	75	
May -	—	—	68°·1	63°·6	61°·7	48°·5	74°·8	40°·0	6th	83°·0	22nd	·475	·436		69	74	
June -	—	—	62°·6	62°·2	59°·9	49°·0	70°·7	46°·0	6th	78°·0	2nd	·451	·441		80	79	
July -	—	—	61°·9	60°·8	59°·3	48°·0	70°·5	35°·0	27th	77°·0	26, 28	·453	·455		82	85	
August -	—	—	64°·9	62°·3	57°·5	42°·1	72°·9	38°·0	7th	81°·0	17th	·434	·429		71	76	
September -	—	—	63°·9	61°·1	57°·5	43°·1	71°·9	36°·0	28th	77°·0	26th	·430	·450		72	83	
October -	—	—	64°·7	60°·9	57°·2	40°·6	73°·8	34°·0	11, 13	78°·0	9th	·420	·450		69	85	
November -	—	—	64°·0	61°·2	56°·4	40°·9	71°·8	33°·0	29th	76°·0	6th	·446	·462		75	86	
December -	—	—	62°·9	61°·2	54°·6	36°·8	72°·4	26°·0	9th	80°·0	11th	·413	·440		72	82	
Year -	—	—	65°·7	62°·4	58°·0	41°·8	74°·1	—	—	—	—	·426	·430		68°·0	76°·7	

## NEWERA ELIYA (A.M.D.).

Height above Mean Sea Level, 6,200 feet till May, then 6,240 feet.

1872.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	63.9	62.0	55.2	36.3	74.0	17.0	10th	79.8	18th	.410	.439		68	79	
February -	—	—	65.2	62.9	54.3	34.5	74.1	24.5	22nd	78.5	21st	.347	.391		55	68	
March -	—	—	69.2	69.6	56.8	32.8	80.7	18.5	15th	85.0	9th, 30th	.306	.420		43	58	
April -	—	—	67.9	65.6	59.3	40.1	78.5	27.5	13th	88.0	1st	.429	.470		62	75	
May -	—	—	69.1	67.7	60.3	42.8	77.8	31.0	12th	88.0	11th	.415	.493		58	72	
June -	24.020	23.958	61.0	61.7	60.4	55.6	65.1	53.5	29th	71.0	1st	.464	.486		87	89	
July -	24.033	23.973	59.5	61.8	59.6	54.1	65.0	52.3	17th	68.0	7th	.466	.466		86	84	
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## SINGAPORE (A.M.D.).

Long. 103° 51' E. Lat. 1° 16' N. Height above Mean Sea Level, 116 feet.

1871.	ins.	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	84.6	84.0	—	73.5	—	72.0	1, 17, 27	—	—	.724	.845		60.8	72.0	
May -	—	—	82.7	83.3	—	73.0	—	69.0	5th	—	—	.877	.890		78.5	77.8	
June -	—	—	82.6	82.1	—	73.6	—	69.6	13th	—	—	.918	.890		83.0	81.5	
July -	—	—	79.9	81.2	—	72.2	—	68.4	24th	—	—	.904	.923		89.5	87.0	
August -	—	—	80.6	81.9	—	72.1	—	69.6	11th	—	—	.890	.928		86.0	85.5	
September -	—	—	80.7	81.3	—	71.0	—	68.2	25th	—	—	.883	.957		84.5	90.5	
October -	—	—	80.2	80.4	—	71.1	—	68.4	28, 30	—	—	.917	.934		90.0	91.0	
November -	—	—	79.4	78.7	—	70.5	—	68.4	23, 26	—	—	.894	.883		90.0	90.2	
December -	—	—	81.0	80.4	—	68.6	—	66.8	31st	—	—	.883	.865		84.0	84.0	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## SINGAPORE (A.M.D.).

1872.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	81.5	81.8	—	68.8	—	67.2	6th, 7th	—	—	.821	.839		76.0	77.0	
February -	—	—	80.0	80.1	—	69.7	—	67.4	18, 19	—	—	.816	.899		80.0	88.5	
March -	—	—	84.3	84.3	—	70.5	—	69.0	18th	—	—	1.006	.991		85.8	84.3	
April -	—	—	84.4	86.7	84.4	71.3	97.5	69.0	2nd	109.0	2nd	.942	.988		79.4	76.8	
May -	—	—	85.0	87.8	84.1	71.5	96.6	68.4	6th	102.0	6th	.942	.949		77.6	72.2	
June -	—	—	84.4	86.9	82.9	71.7	94.1	67.0	20th	100.2	30th	.932	.927		78.4	71.6	
July -	—	—	82.1	86.0	81.7	70.7	92.6	65.6	9th	101.6	1st	.875	.955		79.6	76.0	
August -	—	—	82.4	85.4	80.9	70.0	91.8	66.0	2nd	97.0	24th	.898	.950		81.0	77.2	
September -	—	—	82.0	86.0	81.8	69.8	93.7	66.6	3rd, 26th	104.6	23rd	.876	.929		78.0	74.0	
October -	—	—	82.6	86.3	81.4	69.3	93.5	66.6	26th	104.2	28th	.898	.965		81.0	76.0	
November -	—	—	82.8	86.2	81.0	69.1	92.8	67.2	5th, 26th	98.0	13th	.909	.983		81.0	77.6	
December -	—	—	82.2	86.1	79.9	69.0	90.7	67.0	27th	94.8	23rd	.898	.980		82.0	77.6	
Year -	—	—	82.9	85.3	82.7	70.1	95.3	—	—	—	—	.901	.946		80.0	77.4	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

NEWERA ELIYA.

1871.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	5.8	6.6		ins. 21.820	ins. 3.750	3rd	21	0	0	0				0	56	1	3	0	0	2	0	0	
February -	1.5	4.2		1.690	.770	17th	7	0	0	1				0	53	0	0	0	1	1	0	0	
March -	3.6	5.3		3.620	.910	4t	11	0	0	0				0	51	9	0	0	1	1	0	0	
April -	2.9	5.4		7.760	1.900	23r	16	0	0	3				2	55	3	0	0	0	0	0	0	
May -	4.2	5.1		6.690	1.500	8th	17	0	0	1				2	22	0	0	0	3	20	15	0	
June -	5.5	5.8		10.600	2.360	5th	21	0	0	0				0	8	0	0	0	0	52	0	0	
July -	5.8	5.5		17.050	2.340	12th	24	0	0	0				0	0	0	0	0	6	56	0	0	
August -	4.7	3.7		4.700	1.340	27th	19	0	0	1				0	18	0	0	0	1	43	0	0	
September	4.2	5.4		4.940	.960	5th	19	0	0	0				0	3	0	0	0	10	47	0	0	
October	2.9	4.4		5.610	.850	20th	19	0	0	1				0	11	0	0	0	24	22	5	0	
November	4.1	5.0		9.890	2.040	14th	24	0	0	0				0	50	0	0	0	2	6	2	0	
December	3.1	3.6		7.070	1.260	16th	18	0	0	0				0	59	0	3	0	0	0	0	0	
Year -	4.0	5.0		101.440	—	—	216	0	0	7				5	386	13	6	0	48	250	22	0	

NEWERA ELIYA.

1872.				ins.	ins.																	
January -	3.5	4.5		2.220	.560	2nd	13	0	0	0			0	27	1	32	0	1	1	0	0	
February -	2.5	2.8		1.500	.450	4th	8	0	0	0			0	1	1	56	0	0	0	0	0	
March -	1.3	4.6		1.120	.550	5th	6	0	0	0			0	16	2	42	0	1	0	0	1	
April -	3.6	4.2		6.470	1.710	30th	19	0	1	4			0	9	1	43	1	1	1	4	0	
May -	1.7	3.5		4.740	2.680	1st	10	0	1	5			2	2	0	11	0	11	5	31	0	
June -	7.2	8.0		17.320	4.330	11th	20	0	0	0			7	13	0	0	0	0	8	32	0	
July -	5.4	7.1		7.360	1.250	10th	17	0	0	0			8	0	0	0	0	0	8	45	1	
August -																						
September																						
October -																						
November																						
December																						
Year -	—	—		—	—	—	—	—	—	—			—	—	—	—	—	—	—	—	—	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

SINGAPORE.

1871.				ins.	ins.																		
January -	—	—		—	—	—	—	—	—	—													
February -	—	—		—	—	—	—	—	—	—													
March -	—	—		—	—	—	—	—	—	—													
April -	3.1	4.4		5.200	1.500	19th	7	0	0	3													
May -	5.4	6.5		6.670	1.500	5th	9	0	0	12													
June -	6.3	6.0		5.900	1.280	12th	15	0	0	11													
July -	6.1	4.8		10.200	1.800	28th	17	0	0	11													
August -	5.5	4.2		8.370	2.000	30th	20	0	0	11													
September -	5.8	4.8		13.820	2.200	11th	21	0	0	12													
October -	5.9	6.0		25.130	2.950	26th	22	0	0	14													
November -	6.1	6.2		15.870	2.170	23rd	25	0	0	12													
December -	5.1	5.6		17.860	2.940	31st	17	0	0	13													
Year -	—	—		—	—	—	—	—	—	—													

SINGAPORE.

1872.				ins.	ins.																		
January -	5.6	6.2		1.590	1.200	10th	3	0	0	0													
February -	6.0	6.9		15.200	2.750	21st	20	0	0	4													
March -	3.8	4.6		5.160	1.200	5. 10	9	0	0	3													
April -	6.8	6.5		4.870	1.420	30th	11	0	0	7													
May -	5.5	5.4		5.320	1.640	7th	10	0	0	8													
June -	5.8	6.1		3.970	.760	9th	15	0	0	4													
July -	7.2	6.8		6.060	1.020	28th	15	0	0	3													
August -	7.3	7.3		7.770	1.360	29th	13	0	0	9													
September -	5.9	6.3		7.560	1.840	18th	16	0	0	5													
October -	6.8	6.9		5.300	.740	8th	22	0	0	3													
November -	7.8	7.3		10.930	1.310	4th	24	0	0	7													
December -	7.6	6.4		7.980	1.260	17th	22	0	0	0													
Year -	6.3	6.4		81.710	—	—	180	0	0	53													



SINGAPORE (A.M.D.). Long. 103° 51' E. Lat. 1° 16' N. Height above Mean Sea Level, 116 feet for 1873 and 1874, then 110 feet.

1873.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	82°·7	86°·6	81°·7	67°·6	95°·7	65°·0	22, 23	103°·2	20th	·911	·969		81°·5	75°·6	
February -	—	—	81°·3	84°·7	79°·9	67°·5	92°·2	65°·4	2nd	98°·4	17th	·901	·978		84°·5	82°·2	
March -	—	—	83°·8	87°·2	82°·0	68°·4	95°·6	66°·0	17, 27	102°·8	12th	·891	1·009		76°·8	78°·2	
April -	—	—	83°·2	87°·1	81°·9	69°·2	94°·6	67°·2	12th	99°·0	3rd	·897	1·000		79°·2	77°·8	
May -	—	—	84°·1	87°·4	83°·0	70°·3	95°·6	67°·6	6th	98°·6	3rd, 24th	·896	·994		76°·6	76°·6	
June -	—	—	83°·5	87°·7	83°·0	70°·1	95°·8	67°·0	13th	103°·8	19th	·901	·976		78°·5	74°·6	
July -	—	—	83°·6	87°·4	82°·3	69°·6	95°·0	67°·8	24th	98°·8	22nd	·895	·972		77°·6	75°·0	
August -	—	—	83°·1	86°·0	81°·5	69°·4	93°·5	65°·0	25th	98°·2	3rd, 28th	·859	·976		75°·6	77°·6	
September -	—	—	84°·8	87°·6	82°·7	70°·1	95°·2	66°·0	8th	99°·8	4th	·886	·972		73°·8	74°·6	
October -	—	—	82°·8	85°·3	80°·9	67°·4	94°·3	60·4	21st	103°·2	26th	·870	·878		77°·8	71°·8	
November -	—	—	82°·6	84°·5	81°·6	68°·1	95°·0	63°·8	21st	104°·2	25th	·842	·852		75°·6	72°·0	
December -	—	—	80°·8	83°·8	80°·2	66°·5	93°·9	62°·2	30th	105°·4	14th	·802	·834		76°·8	71°·8	
Year -	—	—	83°·0	86°·3	81°·7	68°·7	94°·7	—	—	—	—	·879	·951		77°·9	75°·7	

## SINGAPORE (A.M.D.).

1874.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	82.1	84.1	81.2	67.1	95.3	64.6	10th	98.6	30th	.824	.807	in.	75.6	68.6	%
February -	—	—	84.0	84.5	82.1	67.4	96.8	62.2	4th	99.6	24th	.888	.880		76.0	74.0	
March -	—	—	85.7	86.8	84.9	69.1	100.7	66.8	17th	102.6	20, 31	.992	1.040		80.2	81.3	
April -	—	—	85.8	84.6	83.2	69.4	97.0	67.2	15th	103.2	28th	.996	.996		80.3	84.1	
May -	—	—	83.4	85.6	85.0	70.8	99.2	67.4	14th	102.4	17th	.959	1.015		84.0	82.6	
June -	—	—	84.2	85.8	—	72.1	—	68.4	3rd	—	—	.982	1.039		84.0	84.3	
July -	—	—	81.8	85.0	—	72.7	—	68.2	17th	—	—	.886	.902		82.0	74.0	
August -	—	—	81.1	84.8	—	72.1	—	69.4	5th	—	—	.882	.891		83.5	73.8	
September -	—	—	81.4	85.5	—	72.3	—	68.2	10th	—	—	.909	.928		85.0	75.0	
October -	—	—	82.6	85.2	—	72.2	—	70.2	23rd	—	—	.934	.954		84.0	78.2	
November -	—	—	82.3	82.8	—	71.1	—	69.5	20th	—	—	.930	.909		84.5	81.0	
December -	—	—	81.5	84.3	—	70.4	—	69.2	24th	—	—	.907	.949		84.5	80.5	
Year -	—	—	83.0	84.9	—	70.6	—	—	—	—	—	.924	.943		82.0	78.1	

## SINGAPORE (A.M.D.).

1875.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	82.4	84.6	—	70.7	—	68.3	24th	—	—	.951	1.013	in.	86.0	85.1	%
February -	—	—	81.3	84.8	—	70.0	—	67.4	3rd	—	—	.966	1.072		90.5	89.0	
March -	—	—	82.7	82.7	—	70.8	—	69.4	13th	—	—	.997	1.003		89.5	90.0	
April -	—	—	84.1	86.1	—	72.0	—	69.5	11th	—	—	1.046	1.098		89.5	87.6	
May -	—	—	84.1	85.3	—	72.0	—	69.5	3rd	—	—	1.037	1.078		88.6	88.3	
June -	—	—	83.1	86.0	—	71.5	—	67.5	25th	—	—	.973	1.054		85.0	84.5	
July -	—	—	84.0	87.0	—	71.9	—	67.2	16th	—	—	.981	1.083		84.0	83.0	
August -	—	—	84.0	86.5	—	73.0	—	69.4	4th	—	—	.990	1.071		84.5	84.0	
September -	—	—	83.5	87.0	—	73.3	—	68.4	13th	—	—	.982	1.066		85.0	82.6	
October -	—	—	84.2	87.0	—	72.7	—	69.4	27th	—	—	.993	1.046		84.7	82.6	
November -	—	—	83.7	86.5	—	71.6	—	68.5	19th	—	—	.993	1.073		85.5	85.0	
December -	—	—	81.0	83.2	—	70.1	—	67.4	21st	—	—	.901	.949		85.0	84.0	
Year -	—	—	83.2	85.6	—	71.6	—	—	—	—	—	.984	1.051		86.5	85.5	

## SINGAPORE (A.M.D.).

1876.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	82.7	85.5	—	70.2	—	67.2	1st	—	—	.884	.941	in.	78.5	76.0	%
February -	—	—	83.9	86.5	—	70.1	—	67.9	3rd	—	—	.934	.995		80.5	77.6	
March -	—	—	85.1	86.3	—	70.7	—	68.3	1st	—	—	1.075	1.092		79.6	80.3	
April -	—	—	85.7	86.2	—	70.8	—	69.0	28th	—	—	1.182	1.188		84.2	83.7	
May -	—	—	85.0	86.9	—	71.5	—	68.1	15th	—	—	1.124	1.205		87.0	86.5	
June -	—	—	84.3	87.3	—	70.7	—	68.5	9th	—	—	1.218	1.268		89.0	84.5	
July -	—	—	84.7	86.9	—	70.3	—	69.0	8th	—	—	1.160	1.226		86.5	84.4	
August -	—	—	84.3	87.0	—	70.0	—	68.0	4th	—	—	1.181	1.259		86.8	83.4	
September -	—	—	82.4	85.9	—	69.5	—	68.0	14, 27	—	—	1.044	1.140		87.5	84.9	
October -	—	—	83.2	86.3	—	69.6	—	68.0	16th	—	—	1.098	1.278		89.0	84.3	
November -	—	—	80.8	85.3	—	69.6	—	68.0	8th, 30th	—	—	1.039	1.145		89.0	82.8	
December -	—	—	78.0	80.8	—	68.9	—	66.2	5th	—	—	.882	.946		88.0	88.0	
Year -	—	—	83.3	85.9	—	70.2	—	—	—	—	—	1.068	1.140		85.5	83.0	

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

SINGAPORE.

1873.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	6.9	6.7		8.360	2.740	25th	15	0	0	3												
February -	7.5	7.9		11.390	2.250	3rd	17	0	0	5												
March -	6.0	6.8		10.710	2.110	26th	16	0	0	7												
April -	7.2	6.9		10.740	3.020	19th	18	0	0	2												
May -	6.0	6.3		8.180	5.100	21st	9	0	0	2												
June -	6.3	5.8		7.360	1.380	26th	13	0	0	1												
July -	6.5	5.8		7.890	1.730	20th	11	0	0	5												
August -	6.6	6.7		8.900	2.640	23rd	13	0	0	4												
September -	5.7	5.3		2.210	.680	16th	9	0	0	3												
October -	5.8	6.4		6.660	1.140	20th	19	0	0	8												
November -	7.2	7.0		16.640	3.280	19th	17	0	0	6												
December -	5.8	7.1		5.750	.940	4th	19	0	0	5												
Year -	6.5	6.6		104.790	—	—	176	0	0	51												

SINGAPORE.

				ins.	ins.																	
1874.																						
January -	6.8	6.6		4.200	1.100	5th	18	0	0	0												
February -	6.0	7.0		3.220	1.270	12th	10	0	0	2												
March -	5.4	7.8		2.160	.500	21st	14	0	0	7												
April -	4.3	6.9		5.330	1.260	14th	16	0	0	18												
May -	5.6	6.4		4.010	1.100	14th	13	0	0	11												
June -	5.7	6.2		6.510	1.830	14th	14	0	0	12												
July -	5.4	4.6		5.150	1.030	22nd	21	0	0	5												
August -	6.0	4.9		10.910	2.270	5th	18	0	0	6												
September -	5.1	4.7		7.420	2.280	23rd	19	0	0	5												
October -	5.4	4.5		8.240	1.900	10th	20	0	0	9												
November -	5.1	5.5		18.630	3.230	29th	26	0	0	5												
December -	4.9	5.1		7.480	2.400	24th	23	0	0	3												
Year -	5.5	5.9		83.260	—	—	212	0	0	83												

SINGAPORE.

				ins.	ins.																	
1875.																						
January -	5.2	6.1		2.540	1.180	14th	12	0	0	3												
February -	5.1	5.6		5.430	2.730	14th	14	0	0	5												
March -	4.8	6.5		18.690	2.960	7th	28	0	0	19												
April -	4.8	5.1		6.990	1.430	22nd	21	0	0	8												
May -	5.1	5.3		4.650	1.170	31st	23	0	0	14												
June -	4.9	4.6		7.580	1.490	28th	19	0	0	13												
July -	5.3	4.4		3.900	1.250	15th	11	0	0	8												
August -	4.2	4.0		7.030	1.900	14th	13	0	0	8												
September -	5.1	3.8		8.030	2.030	21st	13	0	0	9												
October -	4.5	3.5		8.850	3.050	27th	19	0	0	7												
November -	4.7	4.2		9.420	1.350	23rd	22	0	0	10												
December -	5.6	4.6		7.000	2.030	16th	18	0	0	11												
Year -	4.9	4.8		90.110	—	—	213	0	0	115												

SINGAPORE.

				ins.	ins.																	
1876.																						
January -	4.5	3.3		4.180	.950	12th	12	0	0	3												
February -	3.8	2.8		1.900	1.320	29th	5	0	0	3												
March -	4.0	3.7		4.300	1.250	3rd	14	0	0	13												
April -	3.9	5.7		7.620	1.050	28th	24	0	0	11												
May -	4.2	3.7		5.050	1.080	27th	16	0	0	14												
June -	4.7	3.3		7.410	1.100	22nd	24	0	0	9												
July -	4.2	2.8		1.940	.300	2nd	12	0	0	8												
August -	4.2	3.5		6.840	1.350	30th	13	0	0	8												
September -	4.9	3.6		9.840	1.110	15th	16	0	0	14												
October -	4.6	3.7		9.430	.960	21st	22	0	0	7												
November -	4.4	3.6		10.130	2.430	14th	21	0	0	8												
December -	4.9	4.4		9.680	1.450	5th	27	0	0	6												
Year -	4.4	3.5		78.320	—	—	206	0	0	104												



## SINGAPORE (A.M.D.).

Long. 103° 51' E. Lat. 1° 16' N. Height above Mean Sea Level, 110 feet.

1877.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%.	%.	%.
January -	—	—	79°·5	85°·1	—	69°·4	—	68°·0	8, 12, 24	—	—	·981	1·086	—	88°·5	82°·6	—
February -	—	—	78°·9	84°·9	—	68°·7	—	67°·6	19, 26	—	—	·921	1·095	—	88°·4	84°·9	—
March -	—	—	80°·7	85°·9	—	69°·0	—	67°·0	9th	—	—	·994	1·118	—	86°·5	84°·4	—
April -	—	—	83°·2	87°·1	—	70°·8	—	69°·0	1st	—	—	1·116	1·282	—	84°·5	84°·2	—
May -	—	—	84°·0	87°·6	—	72°·0	—	66°·8	31st	—	—	1·099	1·196	—	85°·0	82°·5	—
June -	—	—	81°·5	85°·9	80°·1 <sup>5</sup>	70°·9	89°·3 <sup>5</sup>	67°·2	16th	93°·6	6th	·962	1·099	—	87°·5	83°·9	—
July -	—	—	82°·1	86°·2	80°·7	71°·0	90°·4	68°·0	21st	96°·4	28th	·972	1·164	—	86°·5	81°·7	—
August -	—	—	84°·4	88°·8	82°·5	72°·9	92°·0	69°·0	31st	95°·2	20th	1·032	1·249	—	81°·0	80°·2	—
September -	—	—	83°·0	87°·8	82°·3	71°·5	93°·1	68°·5	14th	96°·4	27th	1·084	1·121	—	80°·0	81°·0	—
October -	—	—	86°·2	88°·2	82°·9	71°·3	94°·5	69°·2	27th	97°·6	21st	1·140	1·156	—	81°·7	81°·0	—
November -	—	—	85°·6	88°·1	82°·4	70°·3	94°·5	69°·0	1, 5, 13	98°·6	21st	1·165	1·223	—	82°·6	81°·8	—
December -	—	—	85°·0	87°·1	81°·4	69°·7	93°·1	68°·0	7th	96°·8	31st	1·116	1·141	—	83°·5	83°·0	—
Year -	—	—	82°·8	86°·9	—	70°·6	—	—	—	—	—	1·049	1·161	—	84°·6	82°·6	—

## SINGAPORE (A.M.D.).

1878.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	—	—	82.9	85.4	81.1	69.9	92.3	67.0	2nd	96.8	7th	.956	1.171	—	86.5	83.4	—
February -	—	—	83.2	85.4	80.9	69.5	92.3	68.0	13, 24	94.8	20, 27	1.042	1.107	—	84.5	83.9	—
March -	—	—	85.4	87.8	82.8	70.0	95.6	68.0	27th	98.4	20th	1.126	1.245	—	84.4	81.5	—
April -	—	—	85.6	87.1	82.7	70.6	94.8	69.4	21st	97.6	5th	1.143	1.134	—	84.1	82.6	—
May -	—	—	84.4	87.0	82.1	70.8	93.3	69.0	21, 23, 31	96.4	1st	1.148	1.170	—	85.4	82.6	—
June -	—	—	84.4	87.5	81.8	70.9	92.7	69.2	27, 30	96.4	19th	1.108	1.223	—	85.9	82.6	—
July -	—	—	84.5	87.3	81.3	69.8	92.8	69.0	25, 29	96.8	6th	1.075	1.197	—	80.5	81.0	—
August -	—	—	82.6	86.1	80.6	69.0	92.1	66.8	28th	94.8	19th	.996	1.151	—	86.0	81.1	—
September -	—	—	84.2	87.6	81.2	69.7	92.6	68.0	3rd, 10th	96.8	15th	1.052	1.154	—	82.0	79.0	—
October -	—	—	85.5	87.8	82.3	70.4	94.2	68.0	30th	98.2	18th	1.056	1.208	—	78.5	80.6	—
November -	—	—	84.3	88.1	81.6	69.7	93.4	67.8	29th	96.8	5th, 26th	1.016	1.154	—	79.8	79.8	—
December -	—	—	82.2	86.9	79.6	68.8	90.4	67.0	18th	95.6	20th	.978	1.135	—	84.0	78.4	—
Year -	—	—	84.1	87.0	81.5	69.9	93.0	—	—	—	—	1.058	1.171	—	83.5	81.4	—

## SINGAPORE (A.M.D.).

1879.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	—	—	80.7	84.5	78.1	67.3	88.9	66.0	22nd	94.8	20, 28	.985	1.051	—	87.5	80.5	—
February -	—	—	81.8	86.2	79.4	68.0	90.8	67.0	18, 22	94.8	25th	.908	.984	—	85.0	82.7	—
March -	—	—	83.9	86.8	79.9	68.6	91.1	67.0	4th	94.8	1st, 9th	.933	1.011	—	80.0	80.3	—
April -	—	—	83.2	87.6	80.7	69.5	91.8	66.8	14th	94.8	16th	.931	1.011	—	81.2	79.0	—
May -	—	—	84.2	86.6	81.5	70.3	92.6	68.6	5th	94.0	1, 5, 9	.959	1.003	—	82.7	79.1	—
June -	—	—	84.2	87.6	80.6	69.7	91.4	68.2	16, 20, 22	94.8	1st, 3rd	.908	1.038	—	81.2	77.4	—
July -	—	—	83.4	87.5	80.9	69.5	92.2	67.2	22nd	96.8	8th	.889	1.024	—	83.0	79.8	—
August -	—	—	81.5	85.9	79.3	68.5	90.1	66.2	1st, 11th	93.6	6th	.880	.972	—	82.5	79.4	—
September -	—	—	82.9	87.2	80.3	69.5	91.1	65.4	21st	93.6	17th	.897	1.008	—	79.5	78.6	—
October -	—	—	83.2	86.2	79.6	68.9	90.3	67.2	26th	94.0	11th	.907	.976	—	80.2	78.4	—
November -	—	—	83.2	87.1	79.7	69.1	90.3	67.0	1st, 24th	94.8	9th	.910	.991	—	80.2	77.8	—
December -	—	—	83.6	87.5	79.8	68.9	90.6	68.0	12, 16, 21	94.8	16th	.875	1.006	—	79.6	76.2	—
Year -	—	—	83.0	86.7	80.0	69.0	90.9	—	—	—	—	.915	1.006	—	81.9	79.1	—

## SINGAPORE (A.M.D.).

1880.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	—	—	83.6	87.7	80.5	69.3	91.7	68.0	10, 16, 25	95.4	30th	.894	1.004	—	78.0	77.8	—
February -	—	—	83.9	88.3	81.2	69.8	92.6	68.0	25, 28	96.8	21st	.896	1.029	—	77.5	77.4	—
March -	—	—	83.9	88.0	81.0	69.4	92.6	67.0	13th	95.8	13th	.902	1.021	—	78.4	77.8	—
April -	—	—	83.6	88.2	81.0	69.3	92.6	68.0	4th, 9th	95.8	28th	.889	1.013	—	78.6	76.6	—
May -	—	—	84.4	88.5	81.8	69.3	94.3	67.6	20th	96.8	25th	.902	1.045	—	76.8	78.6	—
June -	—	—	82.9	88.7	81.4	69.3	93.4	68.2	2nd, 8th	96.0	12th	.893	1.048	—	83.5	78.2	—
July -	—	—	82.2	88.8	80.9	68.8	93.0	67.2	20th	94.8	1, 17, 27	.898	1.063	—	82.0	78.2	—
August -	—	—	83.4	88.1	81.1	69.2	92.9	68.0	5th, 11th	95.8	7th	.896	1.019	—	79.4	77.8	—
September -	—	—	83.2	87.9	80.9	69.2	92.6	68.0	20th	95.4	27th	.892	1.025	—	79.2	78.6	—
October -	—	—	84.1	88.7	81.5	69.5	93.5	68.0	8th	96.4	28th	.906	1.047	—	77.6	77.8	—
November -	—	—	83.5	88.3	81.2	69.3	93.0	68.0	6, 17, 27	96.2	18th	.872	1.041	—	80.5	77.4	—
December -	—	—	83.2	87.7	81.2	69.5	92.8	68.0	6th, 28th	95.4	16th	.893	1.028	—	78.8	79.0	—
Year -	—	—	83.5	88.2	81.1	69.3	92.9	—	—	—	—	.894	1.032	—	79.2	77.9	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

SINGAPORE.

1877.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	3.9	3.3		1.480	.950	24th	5	0	0	4												
February -	3.8	3.7		7.410	1.580	19th	11	0	0	5												
March -	3.9	3.6		2.670	.740	16th	9	0	0	8												
April -	3.6	3.4		1.540	.680	21st	5	0	0	3												
May -	4.2	3.6		4.390	1.860	31st	9	0	0	6												
June -	5.1	4.1		9.020	1.650	16th	17	0	0	9												
July -	5.0	4.0		7.280	1.120	21st	16	0	0	6												
August -	4.5	3.4		3.690	1.140	29th	11	0	0	5												
September -	4.0	3.8		3.940	1.850	22nd	7	0	0	7												
October -	4.3	4.0		1.410	.780	27th	7	0	0	8												
November -	4.6	4.1		4.030	.560	30th	15	0	0	9												
December -	4.2	4.5		4.360	1.060	6th	17	0	0	6												
Year -	4.3	3.8		51.220	—	—	129	0	0	76												

SINGAPORE.

				ins.	ins.																	
1878.																						
January -	5.1	5.2		11.410	1.830	2nd	21	0	0	1												
February -	4.5	4.3		3.190	.490	23rd	19	0	0	2												
March -	3.8	3.8		0.520	.280	10th	4	0	0	1												
April -	4.3	4.4		9.540	1.440	27th	15	0	0	9												
May -	5.5	5.1		11.700	1.450	2nd	25	0	0	8												
June -	4.7	4.3		4.290	2.150	21st	13	0	0	4												
July -	4.5	4.1		3.330	.750	11th	14	0	0	7												
August -	5.0	4.3		14.500	5.080	28th	20	0	0	2												
September -	4.6	4.3		3.700	.860	9th	12	0	0	5												
October -	4.4	3.6		4.200	1.320	7th	12	0	0	5												
November -	4.5	3.8		8.220	1.560	7th	18	0	0	5												
December -	4.9	4.0		10.140	2.080	9th	23	0	0	2												
Year -	4.7	4.3		84.740	—	—	196	0	0	51												

SINGAPORE.

				ins.	ins.																	
1879.																						
January -	6.0	4.9		17.790	3.250	21st	26	0	0	0												
February -	5.1	4.1		8.230	4.320	19th	16	0	0	1												
March -	4.5	4.4		10.300	1.800	30th	17	0	0	5												
April -	5.2	3.8		6.280	1.480	26th	17	0	0	6												
May -	4.7	4.3		11.230	2.830	22nd	18	0	0	3												
June -	4.7	3.8		7.760	2.400	13th	12	0	0	4												
July -	4.6	3.7		4.040	1.130	18th	13	0	0	3												
August -	6.0	4.5		7.650	1.480	30th	20	0	0	2												
September -	4.9	3.8		4.580	.880	5th	11	0	0	3												
October -	5.0	4.4		13.150	2.320	29th	23	0	0	4												
November -	5.0	3.8		8.780	1.640	17th	20	0	0	3												
December -	4.5	3.9		10.290	1.500	13th	17	0	0	4												
Year -	5.0	4.1		110.080	—	—	210	0	0	38												

SINGAPORE.

				ins.	ins.																	
1880.																						
January -	4.3	3.9		7.000	2.060	15th	14	0	0	3				4	3	15	6	4	11	17	2	0
February -	4.1	3.8		10.140	2.300	22nd	7	0	0	7				6	14	12	4	1	8	10	3	0
March -	4.4	4.1		8.570	1.840	21st	20	0	0	8				5	8	7	4	2	10	24	2	0
April -	4.1	3.8		11.260	2.820	5th	14	0	0	4				5	4	5	6	5	8	22	5	0
May -	4.1	3.7		6.410	1.930	20th	16	0	0	9				0	0	5	7	6	17	24	3	0
June -	4.2	3.5		5.460	1.140	14th	11	0	0	5				1	2	5	12	7	17	15	1	0
July -	4.7	3.7		6.530	1.850	18th	11	0	0	5				1	1	5	8	6	13	22	6	0
August -	4.9	4.0		7.210	1.340	5th	15	0	0	6				3	0	5	8	5	15	25	1	0
September -	4.8	4.3		8.000	1.140	4th	20	0	0	5				0	0	2	3	8	12	32	3	0
October -	4.6	3.6		4.040	.820	30th	13	0	0	6				0	0	0	1	9	6	40	6	0
November -	5.2	4.6		15.420	2.850	12th	23	0	0	9				16	0	1	0	13	0	30	0	0
December -	4.9	4.5		7.650	1.520	26th	17	0	0	7				10	0	0	0	7	0	45	0	0
Year -	4.5	4.0		97.690	—	—	181	0	0	74				51	32	62	59	73	117	306	32	0



## SINGAPORE (A.M.D.).

Long. 103° 51' E. Lat. 1° 16' N. Height above Mean Sea Level, 110 feet.

1881.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.	81°·3	86°·7	80°·8	69°·3	92°·3	68°·0	21st	95°·2	24th	·878	1°·009	in.	%.	%.	%.
February -	—	—	84°·1	88°·9	81°·8	69°·4	94°·1	66°·6	9th	96°·2	4th, 12th	·923	1°·062	in.	82°·5	77°·7	
March -	—	—	82°·9	87°·2	80°·6	68°·8	92°·4	68°·2	5, 26, 31	95°·4	14th	·903	1°·018	in.	78°·6	73°·8	
April -	—	—	84°·0	86°·6	80°·9 <sup>1</sup>	69°·2 <sup>1</sup>	92°·6 <sup>1</sup>	66°·2	6th	95°·2	24th	·928	·955	in.	81°·5	78°·6	
May -	—	—	84°·6	86°·8	82°·4	70°·4	94°·3	68°·2	3rd	98°·6	30th	·950	·993	in.	81°·0	75°·2	
June -	—	—	84°·4	87°·1	82°·6	70°·4	94°·8	68°·2	22nd	97°·2	16th	·935	·934	in.	81°·0	78°·8	
July -	—	—	83°·0	85°·9	82°·2	69°·8	94°·6	65°·2	12th	97°·2	22nd	·930	·953	in.	79°·4	74°·2	
August -	—	—	83°·4	87°·5	82°·3	69°·2	95°·3	66°·0	4th	96°·8	11, 20, 26	·961	·945	in.	83°·5	77°·9	
September	—	—	84°·8	88°·1	81°·6	68°·7	94°·5	65°·2	22nd	97°·2	17th	·932	·916	in.	84°·0	74°·2	
October -	—	—	85°·1	89°·5	82°·7	68°·7	96°·6	65°·2	8th	98°·6	28, 30	·933	·947	in.	78°·0	69°·9	
November	—	—	86°·6	88°·3	82°·7	67°·8	97°·5	66°·0	11th	98°·6	8, 13, 23	·942	·922	in.	77°·6	68°·6	
December	—	—	86°·4	87°·8	82°·6	67°·8	97°·4	65°·4	28th	98°·6	2, 18, 23	·913	·914	in.	75°·6	70°·1	
Year -	—	—	84°·2	87°·5	81°·9	69°·1	94°·7	—	—	—	—	·927	·964	in.	74°·4	69°·8	

## SINGAPORE (A.M.D.).

1882.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	86.3	87.6	82.9	67.6	98.2	65.6	1st	99.2	6, 20	.922	.933		74.8	70.6	
February -	—	—	84.7	85.7	81.7	67.6	95.7	65.0	27th	98.6	2nd	.903	.903		76.2	71.2	
March -	—	—	84.2	87.8	82.0	68.9	95.1	67.2	24th	96.2	27th	.903	.912		77.2	70.2	
April -	—	—	85.5	86.6	81.9	68.9	94.8	66.2	20, 23	96.6	30th	.926	.933		76.0	72.4	
May -	—	—	85.1	87.8	81.1	68.8	93.3	64.6	14th	96.6	15th	.925	.957		76.0	73.0	
June -	—	—	84.1	87.7	81.5	70.1	92.8	65.0	30th	96.8	18th	.941	1.003		80.5	76.6	
July -	—	—	83.8	88.7	81.8	71.2	92.4	63.0	25th	96.6	13th	.916	.956		80.0	70.6	
August -	—	—	82.9	85.9	80.5	69.6	91.4	63.2	8th	94.8	6th, 11th	.917	.952		82.5	76.9	
September -	—	—	81.8	85.6	80.6	69.5	91.6	65.0	2nd	98.8	27th	.874	.892		81.0	72.6	
October -	—	—	83.3	86.1	79.8	68.4	91.2	64.2	10th	95.2	18, 20	.900	.908		79.8	71.5	
November -	—	—	80.5	85.0	79.5	67.6	91.4	65.1	25th	98.5	19th	.902	.947		88.5	79.0	
December -	—	—	82.0	84.2	78.9	67.4	90.4	65.0	11, 19	94.6	17, 28	.897	.942		83.0	80.2	
Year -	—	—	83.7	86.6	81.0	68.8	93.2	—	—	—	—	.911	.937		79.6	73.7	

## SINGAPORE (A.M.D.).

1883.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	82.2	85.3	80.2	67.6	92.7	65.6	22nd	96.2	10th	.876	.891		81.0	73.8	
February -	—	—	81.0	85.4	80.2	67.7	92.7	65.6	14th	97.4	22, 27	.818	.837		79.0	69.4	
March -	—	—	82.4	86.2	80.7	68.8	92.6	66.4	12th	97.6	8th	.883	.924		80.4	74.4	
April -	—	—	82.9	85.8	80.9	69.4	92.3	67.4	12th	96.0	11, 20	.916	.936		82.5	75.8	
May -	—	—	83.7	86.3	82.4	71.3	93.5	67.2	12th	98.6	15th	.926	.954		80.5	76.4	
June -	—	—	83.4	87.2	81.4	70.5	92.3	66.4	30th	94.8	23, 25	.929	.937		81.0	73.4	
July -	—	—	84.2	87.4	81.4	70.5	92.3	65.0	7th	95.4	3rd	.909	.927		76.2	72.2	
August -	—	—	84.1	88.0	82.2	70.7	93.6	64.6	23rd	96.4	8th	.921	.957		77.6	70.6	
September -	—	—	83.0	86.7	79.8	68.0	91.5	63.6	11th	95.2	1st	.910	.967		81.0	76.0	
October -	—	—	82.9	86.0	79.6	67.2	92.0	65.6	16th	94.6	5th	.915	.926		81.5	74.0	
November -	—	—	83.0	88.0	79.9	67.7	92.1	66.0	18th	95.2	12th	.919	.900		81.0	68.0	
December -	—	—	82.6	84.7	80.2	68.8	91.5	65.0	19th	95.2	26th	.860	.937		77.6	79.2	
Year -	—	—	83.0	86.4	80.7	69.0	92.4	—	—	—	—	.899	.924		79.9	73.6	

## SINGAPORE (A.M.D.).

1884.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	80.6	81.9	76.8	66.5	87.0	65.0	29th	94.6	19th	.854	.918		83.0	85.5	
February -	—	—	82.8	84.9	80.3	67.3	93.2	65.6	25th	97.6	24th	.885	.931		79.0	77.4	
March -	—	—	82.7	86.0	80.6	68.0	93.2	65.0	4th, 8th	96.8	31st	.897	.934		80.5	75.0	
April -	—	—	84.1	85.0	80.6	68.0	93.1	65.2	26th	97.0	5th	.927	.900		79.6	74.0	
May -	—	—	84.3	86.6	81.5	69.2	93.7	62.0	20th	105.0	1st	.969	.933		82.5	73.2	
June -	—	—	82.8	83.5	80.5	70.0	90.9	66.6	13th	95.6	15th	.950	.930		85.0	80.5	
July -	—	—	82.0	85.3	80.9	70.1	91.6	64.2	2nd	94.6	14th	.916	.932		84.0	76.8	
August -	—	—	83.5	85.5	81.1	69.2	92.9	62.2	24th	97.0	10th	.921	.932		80.0	76.0	
September -	—	—	82.7	85.2	80.2	68.2	92.2	61.8	24th	96.0	1st	.902	.908		80.5	74.2	
October -	—	—	82.1	84.2	80.3	68.2	92.3	60.8	25th	98.6	23rd	.906	.938		80.6	79.2	
November -	—	—	83.6	83.6	81.3	68.9	93.7	67.0	26, 30	101.2	5th	.946	.921		81.0	79.6	
December -	—	—	80.9	81.4	79.0	66.7	91.3	60.8	21st	99.0	4th, 18th	.856	.860		81.5	79.4	
Year -	—	—	82.7	84.4	80.3	68.4	92.1	—	—	—	—	.911	.920		81.4	77.6	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

SINGAPORE.

1881.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	5.6	4.7		15.810	4.760	12th	14	0	0	4				32	0	0	0	5	0	25	0	0	
February -	4.0	3.4		3.930	2.800	18th	4	0	0	1				36	0	0	0	3	0	17	0	0	
March -	4.7	4.1		5.520	1.840	20th	12	0	0	6				29	0	0	0	13	0	20	0	0	
April -	3.6	4.7		2.450	.920	25th	8	0	0	2				12	0	14	0	10	0	24	0	0	
May -	4.4	4.4		9.260	4.340	2nd	14	0	0	0				15	0	0	0	8	0	39	0	0	
June -	4.9	4.6		5.860	3.270	26th	11	0	0	2				1	0	0	0	3	0	56	0	0	
July -	5.2	5.2		5.380	2.170	12th	16	0	0	0				0	0	0	0	3	0	59	0	0	
August -	4.9	4.7		4.720	1.300	9th	12	0	0	0				1	0	0	0	6	0	55	0	0	
September	4.5	4.2		4.980	1.600	21st	13	0	0	3				0	0	0	0	10	0	50	0	0	
October -	4.5	4.1		12.360	2.190	8th	16	0	0	5				2	0	0	0	0	0	60	0	0	
November	4.5	4.5		11.180	2.400	4th	16	0	0	0				0	0	1	0	0	0	59	0	0	
December	4.6	4.8		12.540	3.070	20th	17	0	0	0				3	0	1	0	0	0	58	0	0	
Year -	4.6	4.5		93.990	—	—	153	0	0	23				131	0	16	0	61	0	522	0	0	

SINGAPORE.

				ins.	ins.																	
1882.																						
January -	4.2	4.4		6.860	3.020	1st	18	0	0	0				54	0	1	0	0	0	7	0	0
February -	4.9	5.5		13.860	3.870	26th	21	0	0	0				50	0	0	0	0	0	6	0	0
March -	4.1	4.1		1.070	.410	2nd	4	0	0	0				6	0	1	0	0	0	55	0	0
April -	4.4	5.1		6.310	1.210	18th	13	0	0	0				44	0	1	0	0	0	15	0	0
May -	4.6	4.5		6.390	1.680	15th	12	0	0	5				26	0	0	0	9	0	27	0	0
June -	5.1	4.8		4.240	1.650	28th	12	0	0	5				0	0	0	0	7	0	53	0	0
July -	5.2	5.0		3.830	1.140	5th	7	0	0	4				0	0	0	0	16	6	39	1	0
August -	5.7	5.2		5.870	.990	22nd	16	0	0	3				2	0	0	0	4	6	49	1	0
September -	5.7	4.8		5.550	1.470	1st	14	0	0	1				0	0	0	0	4	11	44	1	0
October -	5.5	5.0		7.310	1.630	23rd	18	0	0	2				14	0	0	3	2	4	39	0	0
November -	6.1	5.1		6.180	1.150	5th	14	0	0	3				3	0	0	0	4	0	48	5	0
December -	5.4	5.3		5.540	1.480	17th	15	0	0	1				14	1	0	5	0	0	22	20	0
Year -	5.1	4.9		73.010	—	—	164	0	0	24				213	1	3	8	46	27	404	28	0

SINGAPORE.

				ins.	ins.																	
1883.																						
January -	4.7	4.6		3.020	1.030	26th	7	0	0	0				12	1	2	1	1	4	24	17	0
February -	5.0	5.2		1.820	1.410	2nd	6	0	0	0				10	33	3	3	0	0	2	5	0
March -	5.1	5.1		6.410	2.070	29th	12	0	0	2				19	8	10	4	3	0	7	11	0
April -	5.4	5.3		4.380	1.230	29th	12	0	0	6				3	1	2	2	8	4	33	7	0
May -	4.8	4.8		6.360	1.930	17th	13	0	0	3				9	0	0	0	12	1	40	0	0
June -	5.0	4.4		3.890	1.460	7th	11	0	0	1				3	0	0	0	13	0	44	0	0
July -	4.8	4.4		2.760	.810	6th	8	0	0	1				1	0	0	0	6	0	55	0	0
August -	4.6	4.8		2.920	.650	20th	12	0	0	2				0	0	0	0	3	0	59	0	0
September -	6.0	5.5		10.410	1.650	14th	19	0	0	4				1	0	0	0	4	0	55	0	0
October -	5.7	5.4		9.550	2.240	29th	20	0	0	0				1	0	3	0	2	0	56	0	0
November -	5.7	4.6		5.290	1.100	4th	19	0	0	1				7	0	1	0	0	0	52	0	0
December -	5.5	6.0		8.900	1.480	29th	17	0	0	2				36	0	5	0	1	0	20	0	0
Year -	5.2	5.0		65.710	—	—	156	0	0	22				102	43	26	10	53	9	447	40	0

SINGAPORE.

				ins.	ins.																	
1884.																						
January -	6.5	7.1		13.690	1.720	9th	22	0	0	6				15	11	2	1	0	0	4	29	0
February -	4.8	5.1		4.120	1.100	14th	9	0	0	3				4	24	21	0	0	2	0	7	0
March -	5.0	5.2		9.080	2.720	15th	10	0	0	8				3	23	15	4	5	1	8	5	0
April -	3.2	4.0		3.590	1.140	2nd	6	0	0	5				0	13	8	14	1	5	1	18	0
May -	3.7	4.6		4.390	1.200	19th	11	0	0	16				3	14	9	20	3	2	0	11	0
June -	4.8	5.0		5.710	.910	18th	15	0	0	9				5	26	8	16	0	1	0	4	0
July -	5.2	3.6		5.650	1.670	1st	12	0	0	8				2	26	3	19	0	1	0	11	0
August -	5.0	4.5		4.050	.770	23rd	13	0	0	6				0	0	0	15	4	37	3	3	0
September -	4.3	4.1		6.470	1.800	3rd	11	0	0	9				0	0	0	2	2	35	11	10	0
October -	4.9	5.1		5.850	1.180	10th	12	0	0	4				2	0	0	0	1	23	17	19	0
November -	4.7	4.9		3.410	1.060	24th	10	0	0	6				4	7	0	1	0	10	10	28	0
December -	5.5	5.4		11.130	4.420	7th	10	0	0	0				10	34	0	0	1	2	1	14	0
Year -	4.8	4.9		77.140	—	—	141	0	0	80				48	178	66	92	15	119	55	159	0



## SINGAPORE (A.M.D.).

Long. 103° 51' E. Lat. 1° 16' N. Height above Mean Sea Level, 110 feet.

1885.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	82°·5	82°·7	80°·9	67°·0	94°·7	64°·0	17th	99°·2	15th	·853	·867		76	77	
February -	—	—	82°·0	82°·7	79°·8	66°·2	93°·4	62°·4	2nd	99°·6	9th	·870	·888		80	79	
March -	—	—	84°·1	86°·0	80°·1	67°·1	93°·1	62°·8	14th	95°·8	19th	·876	·853		75	67	
April -	—	—	85°·6	85°·2	81°·7	69°·7	93°·6	67°·4	26th	97°·2	29th	·942	·962		76	79	
May -	—	—	84°·8	84°·0	81°·7	70°·5	92°·9	67°·0	13th	97°·2	9th	·984	1°·066		83	92	
June -	—	—	83°·5	84°·7	80°·5	70°·4	90°·6	60°·0	6th	94°·8	17th	1°·071	1°·169		94	99	
July -	—	—	82°·8	85°·0	80°·9	70°·3	91°·4	64°·2	4th	94°·8	27th	·955	·927		86	76	
August -	—	—	83°·6	86°·5	81°·3	69°·7	92°·9	63°·6	18th	98°·0	29th	·914	·910		80	71	
September -	—	—	84°·0	85°·5	81°·8	70°·3	93°·3	65°·6	19th	97°·6	15th	·998	·966		85	78	
October -	—	—	86°·2	87°·1	82°·1	69°·6	94°·5	67°·4	22nd	97°·2	7th	·969	·964		77	75	
November -	—	—	84°·4	84°·7	82°·0	69°·6	94°·4	66°·4	29th	99°·2	26th	·920	·903		77	74	
December -	—	—	83°·9	83°·9	81°·2	67°·9	94°·4	66°·2	12th	99°·8	15th	·959	·931		81	80	
Year -	—	—	84°·0	84°·8	81°·2	69°·0	93°·3	—	—	—	—	·943	·951		80°·8	78°·9	

## SINGAPORE (A.M.D.).

1886.	ins.	ins.										in.	in.	in.	%	%	%
January -	—	—	83° 6	83° 3	81° 3	68° 0	94° 6	66° 2	5th	99° 4	8th	939	928	—	82	81	—
February -	—	—	80° 8	80° 8	80° 9	68° 0	93° 7	63° 4	13th	97° 8	12th	919	923	—	88	89	—
March -	—	—	81° 2	83° 1	81° 7	69° 3	94° 1	67° 0	5th, 31st	98° 2	26th	924	935	—	87	82	—
April -	—	—	82° 6	86° 2	82° 0	70° 1	93° 9	68° 6	9th, 22nd	97° 2	21st	973	1008	—	88	80	—
May -	—	—	82° 2	86° 7	82° 6	70° 7	94° 4	67° 8	30th	96° 0	12th	979	980	—	89	76	—
June -	—	—	81° 8	85° 7	82° 0	69° 5	94° 4	67° 2	27th	95° 4	1st	959	996	—	89	81	—
July -	—	—	80° 9	85° 0	82° 2	69° 7	94° 7	67° 0	26th	96° 2	24, 27, 30	963	979	—	91	81	—
August -	—	—	80° 0	85° 2	81° 9	69° 4	94° 4	65° 0	5th	95° 4	30th	946	934	—	94	77	—
September -	—	—	82° 1	85° 3	83° 1	70° 6	95° 5	67° 0	22nd	97° 0	20th	988	962	—	90	79	—
October -	—	—	82° 3	86° 2	82° 8	69° 8	95° 7	66° 4	20th	97° 2	16th	959	1011	—	87	80	—
November -	—	—	83° 2	85° 6	82° 0	68° 7	95° 3	66° 0	21st	97° 6	1st	984	964	—	86	78	—
December -	—	—	81° 9	84° 7	82° 3	68° 4	96° 1	65° 0	16, 29	98° 2	29th	935	992	—	86	84	—
Year -	—	—	81° 9	84° 8	82° 1	69° 4	94° 7	—	—	—	—	956	968	—	88° 1	80° 7	—

## MAURITIUS (R.E.).

Long. 57° 29' E. Lat. 20° 10' S. Height above Mean Sea Level, 20 feet.

1853.	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.								9.30 a.m.	3.30 p.m.	in.	9.30 a.m.	3.30 p.m.	%
	ins.	ins.										in.	in.	in.	%	%	%
January -	29° 924	29° 867	81° 6	83° 0	80° 8	77° 2	84° 3	72° 0	20th	87° 0	8th, 31st	733	746	—	69° 3	67° 7	—
February -	880	813	83° 3	84° 7	82° 3	78° 5	86° 1	76° 0	28th	88° 0	12, 16, 17	779	782	—	69° 4	66° 7	—
March -	932	870	81° 8	83° 1	80° 9	77° 3	84° 5	73° 5	15th	88° 5	10th	726	713	—	68° 1	64° 6	—
April -	29° 987	916	79° 9	80° 6	79° 1	76° 1	82° 1	70° 5	13th	84° 5	3rd, 18th	684	687	—	69° 3	67° 4	—
May -	30° 062	29° 996	77° 0	78° 1	76° 6	73° 7	79° 5	71° 0	16, 20	81° 0	3rd, 9th	668	666	—	73° 7	71° 1	—
June -	108	30° 043	74° 2	75° 4	74° 0	71° 2	76° 7	69° 0	8th	79° 0	1st	607	594	—	73° 5	69° 6	—
July -	194	120	72° 7	74° 0	72° 3	69° 5	75° 1	67° 0	15, 20	77° 5	2nd	539	537	—	68° 5	65° 7	—
August -	152	075	73° 1	74° 5	72° 6	69° 0	76° 1	66° 0	26th	79° 5	21st	564	558	—	70° 8	67° 2	—
September -	148	069	75° 3	76° 7	74° 2	70° 3	78° 1	67° 5	1st, 22nd	80° 5	26, 28	586	596	—	68° 3	66° 6	—
October -	30° 149	30° 077	75° 9	76° 8	75° 2	71° 3	79° 0	69° 5	16th	82° 0	3rd	580	574	—	66° 6	64° 1	—
November -	29° 989	29° 934	80° 0	80° 6	78° 4	74° 6	82° 2	71° 0	8th	86° 0	29th	708	726	—	70° 5	70° 8	—
December -	29° 974	29° 919	83° 1	84° 0	81° 4	77° 4	85° 3	75° 5	2nd, 11th	86° 5	9, 13, 29	723	736	—	65° 3	64° 6	—
Year -	30° 042	29° 975	78° 2	79° 3	77° 3	73° 8	80° 8	—	—	—	—	658	660	—	69° 4	67° 2	—

## MAURITIUS (R.E.).

## NIGHT OBSERVATIONS.

1853.	9.30 p.m.	3.30 a.m.	9.30 p.m.	3.30 a.m.							9.30 p.m.	3.30 a.m.	in.	9.30 p.m.	3.30 a.m.	%
	ins.	ins.									in.	in.	in.	%	%	%
January -	29° 930	29° 919	80° 0	79° 0							738	728	—	73° 4	74° 5	—
February -	875	833	81° 3	80° 3							772	764	—	73° 2	74° 8	—
March -	932	891	80° 1	79° 5							708	701	—	70° 1	70° 8	—
April -	29° 974	29° 943	77° 9	77° 3							675	675	—	72° 1	73° 8	—
May -	30° 047	30° 014	75° 5	74° 8							664	659	—	76° 4	77° 7	—
June -	097	066	73° 2	72° 7							592	592	—	73° 9	76° 2	—
July -	175	143	71° 4	70° 5							535	535	—	70° 9	73° 2	—
August -	132	108	71° 4	70° 5							566	546	—	75° 0	74° 7	—
September -	134	088	72° 8	71° 6							590	596	—	74° 6	78° 3	—
October -	30° 150	30° 107	73° 6	72° 6							584	580	—	71° 4	73° 8	—
November -	29° 997	29° 952	77° 0	76° 0							704	699	—	77° 2	79° 1	—
December -	29° 981	29° 943	80° 3	76° 7							741	728	—	72° 8	75° 3	—
Year -	30° 035	30° 001	76° 2	75° 1							656	650	—	73° 4	75° 2	—

Thermometers, 2 feet above ground. Rain-gauge, 1 foot 3 inches above ground.

SINGAPORE.

1885.	Amount of Cloud.			Rainfall.			Weather, No. of days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	4.5	4.7		ins. 2.210	ins. .700	5th	8	0	0	0				14	37	0	0	0	0	0	11	0		
February -	5.6	5.9		5.590	1.060	13th	13	0	0	1				14	35	0	0	0	0	0	7	0		
March -	4.5	5.1		1.300	.640	10th	4	0	0	2				8	37	0	13	0	0	0	4	0		
April -	5.0	5.8		3.690	2.110	13th	7	0	0	4				3	5	5	19	5	9	5	9	0		
May -	5.6	6.7		6.880	1.470	13th	13	0	0	6				3	1	1	10	6	26	7	8	0		
June -	6.4	6.0		9.230	1.750	10th	14	0	0	1				0	0	0	15	8	27	5	5	0		
July -	5.4	5.6		4.090	1.600	22nd	7	0	0	5				0	0	0	20	12	21	6	3	0		
August -	4.5	4.5		1.880	.470	7th	8	0	0	2				0	0	0	18	6	28	7	3	0		
September	5.1	5.5		4.160	1.140	17th	9	0	0	1				0	0	0	28	12	13	4	3	0		
October -	4.5	4.7		1.960	.750	12th	7	0	0	1				2	1	0	7	9	34	6	3	0		
November	4.2	5.0		8.910	2.300	7th	18	0	0	2				0	1	0	1	3	16	17	22	0		
December	4.4	4.5		12.240	4.570	19th	21	0	0	0				6	12	0	1	0	7	1	35	0		
Year -	5.0	5.3		62.140	—	—	129	0	0	25				50	129	6	132	61	181	58	113	0		

SINGAPORE.

				ins.	ins.																	
1886.																						
January -	3.4	3.5		9.730	2.780	27th	19	0	0	4				3	22	0	5	1	0	4	27	0
February -	3.5	3.2		4.080	1.700	2nd	12	0	0	0				4	33	1	2	0	0	0	16	0
March -	3.8	3.2		2.110	.680	30th	11	0	0	3				0	42	1	6	0	7	0	6	0
April -	3.4	3.7		6.970	1.200	9th	16	0	0	3				1	2	0	0	0	5	0	52	0
May -	4.5	3.9		8.560	2.650	25th	21	0	0	2				0	0	0	4	0	35	0	23	0
June -	4.2	3.3		5.810	1.090	8th	19	0	0	3				0	0	0	7	0	39	0	14	0
July -	3.9	2.9		2.160	0.470	3rd	12	0	0	2				0	0	0	12	0	26	0	20	0
August -	4.3	3.1		14.790	3.560	25th	20	0	0	5				1	3	1	4	6	24	3	20	0
September -	3.8	2.9		7.070	1.450	6th	22	0	0	4				2	4	0	5	3	15	14	17	0
October -	3.9	2.8		9.940	3.620	20th	20	0	0	3				0	6	0	8	0	10	8	30	0
November -	3.6	3.1		7.530	2.400	4th	23	0	0	1				2	11	0	3	0	12	6	26	0
December -	3.5	3.2		8.370	1.750	2nd	22	0	0	2				1	20	0	2	0	11	2	26	0
Year -	3.8	3.2		87.120	—	—	217	0	0	32				14	147	3	58	10	184	37	277	0

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

MAURITIUS.

	9.30 a.m.	3.30 p.m.		ins.	ins.																	
1853.																						
January -	6.1	6.6		4.424	2.695	16th	12							1	9	12	8	0	0	1	0	
February -	4.1	4.7		5.804	2.310	27th	15							2	6	10	7	0	0	1	2	0
March -	4.0	5.3		4.536	1.870	16th	14							1	2	15	6	0	1	1	3	2
April -	3.7	4.5		5.959	2.870	10th	12							1	4	13	8	1	1	0	2	0
May -	3.8	4.7		6.755	2.840	24th	11							1	3	10	8	1	1	3	4	0
June -	5.1	4.8		8.140	2.455	16th	15							0	1	10	11	0	1	3	1	3
July -	4.0	4.1		0.795	.130	25th	14							1	0	12	13	2	0	0	1	2
August -	4.4	4.9		0.985	.195	10th	15							0	3	14	10	1	0	1	1	1
September -	3.6	4.4		0.685	.175	10th	8							1	7	14	7	0	0	0	0	1
October -	6.5	6.6		0.480	.090	20th	15							0	4	14	9	0	0	1	3	0
November -	6.7	7.0		0.685	.195	4th	8							5	6	10	2	1	0	0	6	0
December -	6.0	6.0		0.580	.225	15th	6							4	7	14	2	0	0	0	4	0
Year -	4.8	5.3		39.828	—	—	145							17	52	148	91	6	4	11	27	9

NOTE.—The wind summary for 1853 includes only the morning observations.

NIGHT OBSERVATIONS.

MAURITIUS.

	9.30 p.m.	3.30 a.m.		ins.	ins.																	
1853.																						
January -	3.5	3.8												0	7	13	10	1	0	0	0	0
February -	2.8	2.2												0	3	9	11	2	1	1	0	1
March -	1.0	1.5												0	2	12	9	0	1	1	0	6
April -	2.4	2.9												0	1	12	11	2	1	0	0	3
May -	2.9	2.3												0	2	10	10	1	1	0	1	6
June -	3.9	4.2												0	1	7	9	2	1	2	1	7
July -	2.0	3.5												0	0	12	14	3	0	0	0	2
August -	3.1	3.4												0	1	14	13	0	0	0	0	3
September -	1.9	1.9												0	1	16	8	1	0	0	0	4
October -	3.8	3.4												0	2	20	9	0	0	0	0	0
November -	4.7	3.7												0	5	14	5	0	0	1	0	5
December -	2.8	2.3												0	2	18	7	0	0	1	0	3
Year -	2.9	2.9												0	27	157	116	12	5	6	2	40

NOTE.—The wind summary for 1853 (night) includes only the 9.30 p.m. observations.



## MAURITIUS (R.E.).

Long. 57° 29' E. Lat. 20° 10' S. Height above Mean Sea Level, 20 feet.

1854.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%	
January -	29.944	29.884	84.0	85.3	82.7	78.3	87.0	76.0	28th	89.5	17th	.744	.758		65.6	64.2		
February -	.830	.774	82.9	83.3	81.7	78.0	85.3	75.0	8th	88.5	25th	.796	.797		72.8	72.3		
March -	.955	.893	82.3	83.3	80.6	76.4	84.7	71.5	11th	86.5	5, 18, 20	.759	.751		70.4	67.8		
April -	29.995	.932	80.8	82.0	79.4	75.6	83.2	72.5	24th	85.5	2, 6, 12	.739	.741		72.6	69.7		
May -	30.050	29.981	78.7	79.6	76.9	72.7	81.0	69.5	17, 30	84.0	1st, 4th	.678	.685		70.4	69.3		
June -	.144	30.072	74.9	76.3	73.9	70.0	77.7	66.5	10th	79.5	1, 8, 26	.594	.575		69.8	64.2		
July -	.141	.075	72.9	74.1	71.4	67.3	75.5	62.0	19th	78.0	9th	.546	.539		68.5	64.9		
August -	.192	.114	73.4	74.8	72.1	68.0	76.1	64.5	18th	79.0	10, 11, 12	.556	.560		68.5	65.8		
September -	.138	.063	75.0	76.0	73.7	69.4	77.9	66.5	11th	82.0	28th	.562	.568		65.4	64.1		
October -	.092	30.025	77.4	77.9	75.8	71.3	80.2	67.5	14th	83.0	24th	.614	.621		66.6	66.5		
November -	30.030	29.974	80.6	81.2	79.0	74.5	83.4	72.0	2nd, 3rd	86.5	15th	.656	.686		64.4	66.2		
December -	29.976	29.921	82.0	82.9	80.3	75.9	84.7	72.5	5th	87.5	29th	.665	.671		62.2	61.4		
Year -	30.041	29.976	78.7	79.7	77.3	73.1	81.4	—	—	—	—	.659	.663		68.1	66.4		

## MAURITIUS (R.E.).

## NIGHT OBSERVATIONS.

1854.	9.30 p.m.	3.30 a.m.	9.30 p.m.	3.30 a.m.							9.30 p.m.	3.30 a.m.	in.	9.30 p.m.	3.30 a.m.	%
	ins.	ins.	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.947	29.907	81.4	80.1							.771	.764		73.6	76.0	
February -	.824	.788	81.1	80.3							.784	.789		75.6	78.0	
March -	.952	.917	80.2	78.7							.747	.741		74.0	76.9	
April -	29.987	29.951	78.9	77.8							.737	.725		76.3	77.5	
May -	30.031	30.000	76.8	74.8							.666	.653		73.5	77.0	
June -	.125	.099	73.6	72.2							.575	.568		70.5	73.2	
July -	.127	.095	71.0	69.2							.534	.538		71.2	75.7	
August -	.173	.142	71.5	70.5							.557	.547		73.2	73.9	
September -	.129	.095	72.5	71.3							.563	.556		71.2	73.1	
October -	.094	30.048	74.1	73.3							.634	.620		76.2	76.7	
November -	30.037	29.991	77.5	76.2							.674	.669		72.8	75.0	
December -	29.978	29.938	78.8	77.7							.684	.676		70.8	72.5	
Year -	30.034	29.998	76.5	75.2							.661	.654		73.2	75.5	

## MAURITIUS (R.E.).

1855.	9.30 a.m. ins.	3.30 p.m. ins.	9.30 a.m.	3.30 p.m.								9.30 a.m. in.	3.30 p.m. in.	in.	9.30 a.m. %	3.30 p.m. %	%
January -	29.868	29.814	84.0	85.0	82.7	78.5	86.8	75.5	30th	89.0	13th	.803	.809		70.8	69.5	
February -	.930	.878	82.8	83.6	81.4	77.3	85.5	73.5	5th, 7th	87.5	2nd	.807	.816		73.7	72.8	
March -	.905	.841	82.7	83.5	81.2	77.2	85.2	73.0	29th	88.5	9th	.748	.749		68.4	66.9	
April -	29.975	.911	80.6	81.8	79.4	75.6	83.1	69.0	29th	86.0	10, 11	.719	.706		70.5	66.6	
May -	30.071	29.999	76.7	77.7	75.3	71.3	79.3	68.0	29, 30	84.0	5th	.586	.590		64.6	62.7	
June -	.141	30.075	73.6	74.5	72.2	67.8	76.5	65.0	12, 15, 27	81.5	4th, 5th	.542	.543		66.2	64.0	
July -	.229	.161	72.2	73.3	71.1	66.5	75.6	64.0	27th	77.5	11th	.518	.511		66.4	63.3	
August -	.205	.132	73.1	73.8	72.3	68.4	76.2	64.5	28th	78.5	25th	.545	.545		68.5	66.5	
September -	.186	.109	72.4	73.0	71.3	66.9	75.6	64.0	2, 12, 14	78.5	22nd	.527	.530		67.0	66.1	
October -	.141	.067	74.6	75.2	73.4	68.9	77.8	65.5	7th, 20th	81.5	26th	.610	.617		72.2	71.5	
November	30.063	30.003	78.3	78.8	77.1	72.5	81.6	70.0	6th	84.0	20th	.641	.661		67.6	68.6	
December	29.989	29.930	81.7	82.4	80.6	75.8	85.3	73.5	7th, 10th	88.5	21st	.694	.716		65.7	66.4	
Year -	30.059	29.993	77.7	78.6	76.5	72.2	80.7	—	—	—	—	.645	.649		68.5	67.1	

## MAURITIUS (R.E.).

## NIGHT OBSERVATIONS.

1855.	9.30 p.m.	3.30 a.m.	9.30 p.m.	3.30 a.m.							9.30 p.m.	3.30 a.m.	in.	9.30 p.m.	3.30 a.m.	%
	ins.	ins.	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29.867	29.833	82.0	80.6							.798	.789		74.8	77.2	
February -	.926	.881	80.8	79.8							.802	.795		78.1	80.0	
March -	.901	.859	80.5	79.5							.748	.734		73.4	74.4	
April -	29.974	29.928	78.9	77.9							.705	.695		72.7	74.0	
May -	30.057	30.021	74.8	73.6							.590	.578		69.0	70.2	
June -	.123	.089	72.1	70.6							.534	.529		68.4	70.9	
July -	.220	.182	70.5	69.5							.518	.505		69.9	70.6	
August -	.191	.156	70.6	69.5							.536	.538		72.2	75.1	
September -	.177	.137	70.0	68.5							.528	.517		72.4	74.6	
October -	.144	.100	71.9	70.6							.612	.590		78.1	79.5	
November -	30.072	30.023	75.1	74.0							.641	.644		74.5	77.8	
December -	29.991	29.953	78.5	77.2							.708	.696		74.2	75.9	
Year -	30.054	30.014	75.5	74.3							.643	.634		73.1	75.0	

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

MAURITIUS.

1854.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	5.8	6.6		4.120	1.510	28th	11							8	13	24	7	1	0	3	6	0	
February -	6.4	7.4		10.955	3.045	3rd	13							1	4	22	16	3	0	4	6	0	
March -	4.6	5.5		3.705	1.685	23rd	14							3	4	22	19	2	2	1	9	0	
April -	5.7	6.1		12.135	4.025	19th	15							4	13	27	9	0	1	2	2	2	
May -	4.3	5.9		1.325	.655	16th	7							4	7	21	16	0	2	4	8	0	
June -	4.4	4.1		0.950	.430	1st	7							3	1	17	30	3	3	1	2	0	
July -	3.7	4.2		0.715	.195	12th	9							1	0	10	36	8	2	2	2	1	
August -	4.6	5.0		0.325	.115	22nd	8							0	5	24	28	1	0	1	3	0	
September	4.8	4.1		0.150	.070	22nd	5							2	4	20	23	4	0	1	6	0	
October -	5.1	5.3		0.555	.265	29th	9							1	6	26	23	1	1	3	1	0	
November	6.2	6.7		0.480	.140	21st	10							4	9	21	10	2	0	6	8	0	
December	4.2	5.4		4.020	2.340	30th	6							0	13	26	9	2	2	3	6	1	
Year -	5.0	5.5		39.435	—	—	114							31	79	260	226	27	13	31	59	4	

## NIGHT OBSERVATIONS.

MAURITIUS.

1854.	9.30 p.m.	3.30 a.m.	ins.	ins.																		
January -	3.1	3.0												1	6	34	16	0	0	0	1	4
February -	4.1	4.2												1	2	24	16	2	3	1	0	7
March -	2.9	2.6												0	4	21	19	2	0	1	0	15
April -	3.2	3.3												2	1	25	19	3	1	1	0	8
May -	3.1	2.1												1	2	16	24	5	1	1	0	12
June -	2.8	2.9												0	2	15	30	2	1	2	0	8
July -	1.6	2.1												1	0	12	34	6	2	1	0	6
August -	3.5	3.2												0	3	22	29	3	0	1	3	1
September -	3.3	2.9												0	2	20	33	3	0	0	1	1
October -	3.2	2.6												1	4	27	28	1	0	1	0	0
November -	2.0	2.5												1	7	20	19	2	1	4	2	4
December -	2.4	1.4												0	1	34	25	1	0	0	1	0
Year -	2.9	2.7												8	34	270	292	30	9	13	8	66

MAURITIUS.

1855.	9.30 a.m.	3.30 p.m.	ins.	ins.																		
January -	5.6	7.1		ins.	ins.	28th	17							6	8	20	7	1	3	5	12	0
February -	6.3	7.9		6.685	2.000	5th	21							3	3	20	11	0	0	7	12	0
March -	4.7	4.9		17.400	5.380	14th	14							0	4	25	24	3	1	3	2	0
April -	5.6	5.6		8.195	4.000	27th	12							1	4	34	15	0	0	2	4	0
May -	4.8	4.6		2.095	.490	17th	13							3	4	28	22	1	1	1	2	0
June -	4.9	6.0		0.550	.140	4th	6							2	3	19	25	2	3	2	4	0
July -	5.2	5.0		2.410	1.400	16th	11							2	1	33	24	2	0	0	0	0
August -	4.8	5.4		0.790	.495	15th	16							0	5	32	23	0	1	1	0	0
September -	5.7	6.0		1.090	.310	28th	12							1	4	27	22	2	0	0	4	0
October -	5.8	6.2		0.600	.250	30th	7							1	9	30	13	0	0	4	5	0
November -	5.6	6.0		0.475	.190	23rd	9							5	9	24	10	1	2	4	5	0
December -	5.2	5.6		1.265	.500	30th	10							4	12	27	8	0	1	7	3	0
Year -	5.4	5.9		1.110	.430		148							28	66	319	204	12	12	36	53	0

## NIGHT OBSERVATIONS.

MAURITIUS.

1855.	9.30 p.m.	3.30 a.m.	ins.	ins.																		
January -	2.4	2.4												1	4	30	14	2	0	1	1	9
February -	4.4	3.8												0	1	19	24	2	2	4	2	2
March -	3.2	3.1												2	4	25	31	0	0	0	0	0
April -	3.3	3.6												1	4	32	19	1	0	3	0	0
May -	2.4	2.2												0	0	28	24	2	1	1	2	4
June -	5.1	3.4												0	2	16	31	9	1	0	0	1
July -	3.6	3.5												1	3	33	21	3	0	0	1	0
August -	2.4	3.0												0	0	34	25	0	0	1	0	2
September -	4.7	4.3												2	3	27	23	2	0	2	1	0
October -	5.3	4.0												1	4	32	21	0	1	2	0	1
November -	1.8	2.3												1	4	39	16	0	0	0	0	0
December -	2.6	2.1												2	5	34	16	2	1	0	1	1
Year -	3.4	3.1												11	34	349	265	23	6	14	8	20



## MAURITIUS (R.E.).

Long. 57° 29' E. Lat. 20° 10' S. Height above Mean Sea Level, 20 feet.

1856.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	30°011	29°949	83°7	85°3	82°6	78°0	87°2	73°5	9th	90°0	24th	°736	°730		65°6	61°6		
February -	29°840	°789	82°4	83°3	82°1	78°1	86°0	75°0	2nd	89°0	10th	°825	°836		76°5	75°6		
March -	°956	°894	82°0	83°2	81°3	77°1	85°5	73°5	18th	88°0	2nd	°769	°776		72°0	70°3		
April -	29°989	°924	81°5	82°2	80°4	76°2	84°6	74°0	24, 27	86°0	2, 7, 19	°747	°760		71°1	70°7		
May -	30°024	29°956	76°8	77°8	76°2	72°0	80°4	68°5	20, 21, 26	84°0	8th	°637	°627		70°2	67°1		
June -	°152	30°082	73°9	75°1	73°0	68°8	77°2	66°0	9th	79°0	5th, 29th	°569	°571		69°0	66°6		
July -	°143	°076	72°0	73°3	71°3	66°7	75°9	62°5	11th	78°5	1st	°532	°536		68°5	66°4		
August -	°203	°128	72°4	73°5	71°3	66°7	75°9	61°5	4th	79°0	31st	°547	°545		69°8	66°9		
September -	°164	°095	73°9	74°9	72°6	67°6	77°6	63°0	5th	81°0	14th	°551	°567		66°7	66°4		
October -	°138	30°071	75°0	76°0	73°8	68°9	78°7	66°0	21st	81°5	30th	°569	°583		66°6	66°3		
November -	30°012	29°957	78°8	79°1	76°8	71°5	82°0	68°5	4th	85°0	29th	°676	°699		70°1	72°0		
December -	29°952	29°898	79°8	80°4	78°2	73°4	83°0	70°0	11th	86°0	31st	°721	°751		72°4	72°3		
Year -	30°049	29°985	77°7	78°7	76°7	72°1	81°2	—	—	—	—	°657	°665		69°9	68°5		

## MAURITIUS (R.E.).

## NIGHT OBSERVATIONS.

1856.	9.30 p.m.	3.30 a.m.	9.30 p.m.	3.30 a.m.							9.30 p.m.	3.30 a.m.	in.	9.30 p.m.	3.30 a.m.	%
	ins.	ins.			°	°	°	°	°	°	in.	in.		%	%	%
January -	30.012	29.969	81.0	79.7							.754	.738		72.8	74.2	
February -	29.843	.805	80.8	79.9							.830	.825		80.7	82.6	
March -	.956	.908	80.0	78.9							.767	.758		76.5	78.3	
April -	29.976	.942	79.1	78.2							.746	.746		76.5	78.9	
May -	30.006	29.970	75.2	74.1							.629	.625		73.1	75.3	
June -	.139	30.105	72.2	71.1							.572	.567		73.2	75.4	
July -	.128	.093	70.4	69.2							.540	.533		73.1	75.1	
August -	.181	.147	70.4	69.4							.547	.533		74.2	74.8	
September -	.157	.117	71.2	69.8							.560	.543		74.0	74.9	
October -	.131	30.093	72.3	71.4							.589	.578		75.1	75.8	
November -	30.013	29.972	75.4	74.1							.688	.674		79.5	81.3	
December -	29.957	29.915	77.2	76.0							.723	.718		78.8	81.3	
Year -	30.042	30.003	75.4	74.3							.662	.653		75.6	77.3	

## MAURITIUS (R.E.).

1857.	9.30 a.m. ins.	3.30 p.m. ins.	9.30 a.m.	3.30 p.m.								9.30 a.m. in.	3.30 p.m. in.	in.	9.30 a.m. %	3.30 p.m. %	%
January -	29° 893	29° 833	81° 6	82° 5	80° 3	75° 5	85° 0	72° 5	2nd, 8th	87° 0	17, 19	° 754	° 768		71° 5	71° 0	
February -	° 875	° 815	81° 2	82° 3	80° 3	76° 0	84° 6	73° 0	11th	87° 0	4th, 19th	° 753	° 763		72° 4	70° 8	
March -	° 957	° 901	80° 4	81° 5	80° 3	75° 7	84° 8	71° 2	11th	87° 5	7, 17	° 772	° 781		76° 2	74° 3	
April -	29° 993	29° 931	79° 9	81° 5	80° 1	75° 6	84° 5	73° 1	14th	87° 0	20th	° 762	° 792		76° 3	75° 4	
May -	30° 095	30° 034	75° 7	76° 4	75° 8	71° 9	79° 7	69° 2	23rd	83° 5	2nd	° 721	° 728		82° 5	81° 5	
June -	° 099	° 035	74° 0	74° 8	74° 3	70° 3	78° 2	68° 2	22nd	81° 0	1st, 2nd	° 575	° 582		69° 4	69° 1	
July -	° 206	° 135	71° 1	72° 4	71° 3	67° 0	75° 6	63° 7	26th	77° 5	2nd, 23rd	° 559	° 569		71° 0	72° 3	
August -	° 214	° 141	70° 4	72° 2	70° 3	65° 7	74° 8	62° 7	14th	77° 5	30th	° 523	° 519		71° 2	66° 6	
September	° 181	° 112	72° 7	73° 7	72° 3	67° 8	76° 8	65° 2	28th	80° 0	17th	° 574	° 581		72° 1	71° 0	
October -	° 091	30° 022	75° 3	76° 5	75° 3	70° 3	80° 3	66° 2	11th	83° 5	20, 21	° 593	° 591		68° 6	65° 7	
November	30° 053	29° 991	77° 3	78° 2	77° 2	72° 4	81° 9	68° 2	3, 4, 8	84° 0	17, 19, 26	° 636	° 655		68° 9	69° 4	
December	29° 979	29° 926	79° 9	80° 6	80° 0	75° 4	84° 5	71° 7	6th	86° 5	5th, 24th	° 732	° 755		73° 3	74° 0	
Year -	30° 053	29° 990	76° 6	77° 7	76° 5	72° 0	80° 9	—	—	—	—	° 663	° 674		72° 8	71° 8	

## MAURITIUS (R.E.).

## NIGHT OBSERVATIONS.

1857.	9.30 p.m.	3.30 a.m.	9.30 p.m.	3.30 a.m.							9.30 p.m.	3.30 a.m.	in.	9.30 p.m.	3.30 a.m.	%
	ins.	ins.			°	°	°	°	°	°	in.	in.		%	%	%
January -	29.883	29.848	79.6	78.4							.762	.754		77.1	79.3	
February -	.873	.831	79.5	78.5							.752	.744		76.2	77.7	
March -	.957	.918	78.4	77.0							.770	.749		81.0	82.4	
April -	29.989	29.951	78.1	76.7							.756	.746		80.1	82.6	
May -	30.087	30.050	74.0	73.1							.691	.677		83.6	84.0	
June -	.090	.055	72.3	71.6							.579	.564		73.8	73.8	
July -	.190	.162	69.6	68.7							.552	.531		76.7	76.0	
August -	.198	.167	68.7	67.4							.510	.495		73.2	74.0	
September -	.177	.133	70.5	69.6							.566	.555		76.6	77.4	
October -	.089	.048	72.6	71.5							.586	.581		73.9	75.6	
November -	30.051	30.010	74.6	73.7							.629	.625		74.4	76.3	
December -	29.986	29.946	77.4	76.3							.722	.716		78.5	80.1	
Year -	30.048	30.010	74.6	73.5							.656	.645		77.1	78.3	

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

MAURITIUS.

1856.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm
				ins.	ins.																	
January -	5'4	5'7		0'720	'310	12th	8							1	21	27	9	1	2	0	1	0
February -	7'4	8'0		10'475	2'340	2nd	19							1	5	10	11	4	6	6	15	0
March -	5'7	6'7		10'490	2'030	15th	16							2	11	31	8	0	2	0	8	0
April -	5'9	6'8		3'455	2'720	24th	13							1	12	25	12	0	1	3	6	0
May -	5'6	6'1		2'280	'940	21st	10							3	4	20	29	3	2	0	1	0
June -	4'6	4'8		0'330	'095	17th	9							0	1	23	29	0	1	3	3	0
July -	5'5	5'4		0'955	'300	30th	11							0	1	8	46	1	0	2	4	0
August -	4'8	4'9		0'695	'235	3rd	15							0	1	9	52	0	0	0	0	0
September	5'9	5'6		0'110	'080	22nd	5							0	2	12	39	1	1	3	2	0
October -	6'1	5'7		1'960	'955	18th	13							0	5	27	23	0	1	1	5	0
November	6'5	6'8		5'210	2'390	29th	11							8	12	21	5	1	1	3	9	0
December	7'0	7'9		9'540	2'110	28th	20							2	15	24	12	0	0	6	3	0
Year -	5'9	6'2		46'220	—	—	150							18	90	237	275	11	17	27	57	0

## NIGHT OBSERVATIONS.

MAURITIUS.

1856.	9.30 p.m.	3.30 a.m.	ins.	ins.																		
January -	2'3	3'0												1	3	41	14	2	1	0	0	0
February -	4'7	4'8												1	3	13	15	6	4	6	8	2
March -	3'6	3'3												0	4	32	15	2	2	6	1	0
April -	3'2	3'3												0	3	39	12	1	2	1	0	2
May -	3'3	3'2												0	2	24	25	5	3	3	0	0
June -	3'2	2'7												1	3	22	27	4	1	2	0	0
July -	3'9	3'7												0	3	19	28	6	0	3	1	2
August -	3'0	2'4												0	1	23	37	0	0	1	0	0
September -	4'7	3'2												0	2	20	30	5	2	1	0	0
October -	3'7	4'3												0	4	31	25	1	0	1	0	0
November -	3'9	2'7												0	3	33	19	3	0	1	1	0
December -	4'8	4'4												0	6	40	14	1	0	1	0	0
Year -	3'7	3'4												3	37	337	261	36	15	26	11	6

MAURITIUS.

1857.	9.30 a.m.	3.30 p.m.	ins.	ins.																		
January -	7'2	8'4	13'530	9'555	29th	20								5	17	14	10	7	1	2	6	0
February -	7'6	7'2	7'605	3'085	6th	13								2	14	20	10	0	2	4	4	0
March -	6'4	7'5	6'355	3'810	10th	14								0	10	26	12	2	0	3	9	0
April -	5'1	5'4	2'420	'790	1st	9								1	10	23	15	0	1	3	7	0
May -	5'4	6'0	0'190	'055	28th	9								0	1	21	38	0	1	0	1	0
June -	4'9	5'6	0'860	'240	15th	9								0	3	25	31	0	0	1	0	0
July -	5'2	5'1	0'705	'150	26th	14								0	1	12	46	0	0	1	2	0
August -	5'8	5'7	0'400	'055	20, 23	11								0	4	6	37	1	1	2	11	0
September -	5'3	6'5	0'910	'410	25th	13								1	7	16	25	1	0	0	10	0
October -	6'5	7'1	0'635	'260	27th	7								1	6	21	28	1	1	0	4	0
November -	6'7	7'3	4'360	2'550	7th	9								1	7	21	20	0	3	1	7	0
December -	8'0	8'2	5'475	4'160	6th	11								5	12	24	12	1	0	5	3	0
Year -	6'2	6'7	43'445	—	—	139								16	92	229	284	13	10	22	64	0

## NIGHT OBSERVATIONS.

MAURITIUS.

1857.	9.30 p.m.	3.30 a.m.	ins.	ins.																		
January -	4'6	4'8												0	5	36	15	3	0	1	2	0
February -	4'2	4'4												0	4	27	18	2	2	2	1	0
March -	3'8	2'7												0	1	32	20	4	0	4	1	0
April -	1'7	1'2												1	1	28	26	0	2	1	0	1
May -	3'2	3'7												0	1	25	33	2	1	0	0	0
June -	3'6	2'5												0	0	32	25	2	1	0	0	0
July -	2'7	2'5												0	2	26	31	3	0	0	0	0
August -	3'5	4'0												0	0	19	35	3	1	2	2	0
September -	5'0	3'1												0	0	24	30	1	0	1	4	0
October -	4'3	3'6												1	1	29	27	1	1	1	1	0
November -	4'4	4'0												0	2	29	24	3	1	1	0	0
December -	5'2	5'3												0	3	30	27	0	2	0	0	0
Year -	3'9	3'5												2	20	337	311	24	11	13	11	1



## MAURITIUS (R.E.).

Long. 57° 29' E. Lat. 20° 10' S. Height above Mean Sea Level, 20 feet till January 1859, then 30 feet.

1858.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%.	%.	%.	
January -	29.912	29.852	80.5	81.5	80.6	76.2	85.0	72.6	16th	88.0	11th	.761	.783		74.9	74.8		
February -	.963	.905	80.7	81.9	81.1	76.8	85.3	74.1	21st	87.5	18, 19	.761	.772		74.1	72.6		
March -	29.983	.923	80.1	81.7	80.3	75.9	84.6	71.7	25, 26	87.0	5, 8, 15	.749	.759		74.5	71.8		
April -	30.037	.971	79.2	80.7	79.3	75.0	83.6	71.2	9th	86.0	1st, 4th	.701	.701		71.7	68.4		
May -	.070	29.998	76.0	77.1	76.5	72.1	80.8	66.2	28th	84.0	1st, 4th	.665	.672		75.2	73.4		
June -	.121	30.052	72.6	74.5	73.0	68.4	77.5	64.2	27th	79.5	8th, 9th	.617	.623		78.3	74.1		
July -	.150	.082	73.3	74.6	73.8	69.0	78.5	65.2	1, 13, 15	81.5	19th	.649	.652		80.4	77.3		
August -	.167	.087	73.6	75.3	74.1	69.5	78.7	66.2	21st	82.0	27th	.687	.716		84.2	83.0		
September	.200	.125	74.6	75.4	74.7	69.9	79.4	67.2	11th	82.0	19, 20, 25	.647	.658		76.7	76.2		
October -	.138	.065	76.2	77.7	76.1	71.4	80.8	69.7	7, 15, 30	83.0	17, 24	.656	.669		73.9	71.8		
November	.082	30.016	78.3	79.3	78.2	73.3	83.1	70.2	4th, 24th	85.0	13, 17, 22	.647	.667		68.4	68.2		
December	30.008	29.947	80.0	80.8	80.2	75.5	84.8	72.6	2nd	87.5	18, 19	.732	.734		73.6	71.8		
Year -	30.069	30.002	77.1	78.4	77.3	72.8	81.8	—	—	—	—	.689	.701		75.5	73.6		

## MAURITIUS (R.E.).

## NIGHT OBSERVATIONS.

1858.	9.30 p.m.	3.30 a.m.	9.30 p.m.	3.30 a.m.								9.30 p.m.	3.30 a.m.	in.	9.30 p.m.	3.30 a.m.	
	ins.	ins.			°	°	°	°	°	°	°	in.	in.		%	%	%
January -	29.906	29.871	78.7	77.6								.764	.757		79.6	81.7	
February -	.965	.926	79.2	77.9								.750	.727		76.7	77.2	
March -	29.982	.945	78.4	76.8								.705	.670		74.1	73.9	
April -	30.031	29.992	77.5	76.2								.662	.639		71.6	72.1	
May -	.054	30.021	74.3	73.1								.660	.656		78.3	80.6	
June -	.113	.082	71.2	69.4								.609	.593		80.6	83.7	
July -	.140	.107	71.8	70.2								.631	.614		82.2	84.0	
August -	.155	.122	72.0	70.7								.676	.656		87.3	88.2	
September -	.200	.159	71.9	70.6								.638	.606		82.6	81.5	
October -	.145	.098	73.8	72.5								.649	.640		79.1	81.2	
November -	.096	30.051	76.0	74.4								.658	.646		74.6	77.1	
December -	30.016	29.982	77.7	76.4								.726	.715		78.0	80.4	
Year -	30.067	30.030	75.2	73.8								.677	.660		78.7	80.1	

## MAURITIUS (R.E.).

1859.	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.								9.30 a.m.	3.30 p.m.	in.	9.30 a.m.	3.30 p.m.	
	ins.	ins.										in.	in.		%	%	%
January -	29.999	29.932	80.5	82.5	81.1	76.1	86.1	73.1	19th	89.0	28th	.718	.715		70.6	66.2	
February -	.981	.921	82.2	83.1	82.2	77.0	87.3	72.6	2nd	90.0	13th	.775	.765		73.4	69.5	
March -	29.974	.913	80.8	82.2	81.1	76.2	85.9	72.1	20th	90.0	24th	.764	.757		74.5	70.8	
April -	30.036	29.970	79.4	80.6	80.1	75.0	85.1	69.2	28th	89.0	6th	.727	.721		73.8	71.2	
May -	.081	30.008	76.4	77.4	76.3	70.8	81.8	67.2	26, 27	85.0	14, 16	.662	.664		74.0	71.9	
June -	.184	.110	73.2	74.5	73.7	69.1	78.3	63.7	24th	81.0	5th, 6th	.588	.602		73.1	71.4	
July -	.212	.145	72.4	73.5	72.4	68.1	76.7	62.0	12th	79.0	1, 2, 19	.564	.557		71.8	68.3	
August -	.210	.133	72.2	73.8	72.8	68.4	77.2	67.0	1, 20, 28	79.5	29, 30	.573	.567		73.5	69.3	
September -	.186	.107	74.1	75.4	74.5	69.9	79.1	68.0	10, 23, 29	81.0	9, 27, 28	.565	.573		68.2	66.0	
October -	.134	30.063	76.0	76.7	76.0	71.2	80.7	67.0	24th	84.0	27th	.631	.646		71.7	71.6	
November -	30.049	29.980	80.2	81.1	79.6	74.7	84.5	73.0	1, 4, 17	88.0	29th	.652	.653		65.0	63.2	
December -	29.973	29.924	82.6	82.1	81.2	75.9	86.4	72.0	22nd	88.0	3, 9, 14	.732	.752		67.1	70.5	
Year -	30.085	30.017	77.5	78.6	77.6	72.7	82.4	—	—	—	—	.663	.664		71.4	69.2	

## MAURITIUS (R.E.).

## NIGHT OBSERVATIONS.

1859.	9.30 p.m.	3.30 a.m.	9.30 p.m.	3.30 a.m.								9.30 p.m.	3.30 a.m.	in.	9.30 p.m.	3.30 a.m.	
	ins.	ins.			°	°	°	°	°	°	°	in.	in.		%	%	%
January -	30.009	29.961	78.1	77.1								.721	.719		76.4	78.5	
February -	29.994	.944	79.1	78.1								.775	.768		79.6	81.3	
March -	29.982	.926	78.6	77.6								.745	.747		78.0	80.1	
April -	30.040	29.987	77.0	76.3								.721	.726		79.3	80.5	
May -	.073	30.032	73.6	72.0								.660	.642		80.7	82.8	
June -	.170	.133	71.6	70.7								.586	.575		77.1	77.4	
July -	.200	.162	70.5	70.0								.560	.560		75.7	77.6	
August -	.199	.158	70.8	69.9								.568	.562		76.9	77.7	
September -	.187	.149	71.9	71.0								.573	.567		74.1	75.4	
October -	.140	.093	73.2	72.3								.627	.614		77.7	78.3	
November -	30.057	30.010	77.0	75.6								.669	.665		73.7	76.2	
December -	29.988	29.944	79.0	77.3								.739	.727		76.1	79.0	
Year -	30.087	30.042	75.0	74.0								.662	.656		77.1	78.7	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, on or near the ground till June 1859, then 40 feet above the ground. MAURITIUS.

1858.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	7.8	8.4		ins. 13.360	ins. 5.045	17th	19							6	7	19	17	0	1	4	7	1	
February -	8.1	8.4		3.735	.495	21st	17							1	1	16	23	0	2	4	9	0	
March -	7.4	8.0		3.495	.745	2nd	21							4	7	17	22	0	3	2	6	1	
April -	7.2	7.2		3.070	1.940	16th	9							2	6	11	31	1	1	2	6	0	
May -	5.2	5.0		1.266	1.250	5th	3							1	2	14	19	16	0	3	0	7	
June -	3.4	4.9		1.130	.500	25th	6							6	0	7	8	20	1	6	3	9	
July -	4.1	5.7		1.140	.720	30th	4							10	0	6	25	12	1	1	5	2	
August -	4.5	6.6		0.705	.235	19th	5							12	0	15	14	11	0	1	4	5	
September -	4.4	5.7		0.610	.210	10th	4							1	0	13	29	10	0	2	2	3	
October -	5.9	6.1		0.790	.480	20th	6							8	0	25	20	6	0	0	2	1	
November -	6.5	6.9		1.840	.655	2nd	5							6	3	26	10	4	3	2	1	5	
December -	6.6	7.9		4.200	1.650	25th	7							12	1	20	10	6	0	2	2	9	
Year -	5.9	6.7		35.341	—	—	106							69	27	189	228	86	12	29	47	43	

## NIGHT OBSERVATIONS.

## MAURITIUS.

1858.	9.30 p.m.	3.30 a.m.		ins.	ins.																	
January -	6.5	6.3												1	7	28	21	3	0	0	0	2
February -	7.1	6.4												2	2	22	19	4	0	1	2	4
March -	6.2	5.5												2	2	25	20	0	2	2	3	6
April -	5.5 <sup>1</sup>	5.1 <sup>1</sup>												4	1	18	21	6	2	3	1	4
May -	2.8	3.1												0	0	10	17	25	0	0	1	9
June -	2.4	2.0												0	0	3	13	18	0	2	0	24
July -	2.7	1.6												0	0	7	21	21	0	0	1	12
August -	2.9	2.8												0	0	12	21	14	0	1	0	14
September -	3.4	3.2												0	0	8	23	15	0	0	0	14
October -	2.3	4.8												1	0	17	23	8	0	0	0	13
November -	3.9	3.4												1	0	10	18	6	0	1	1	23
December -	4.4	4.1												1	0	22	15	5	0	1	0	18
Year -	4.2	4.0												12	12	182	232	125	4	11	9	143

## MAURITIUS.

1859.	9.30 a.m.	3.30 p.m.		ins.	ins.																	
January -	7.0	6.5		2.442	.770	13th	7							0	3	36	18	2	0	0	0	3
February -	6.9	7.2		8.420	1.840	21st	13							5	12	20	4	1	0	3	0	11
March -	6.8	7.4		8.290	2.730	9th	11							1	9	21	15	5	2	3	3	3
April -	6.4	6.6		6.714	3.420	22nd	7							0	7	29	12	1	0	1	3	7
May -	4.6	5.4		7.206	3.962	16th	7							4	2	14	18	8	2	4	5	5
June -	4.6	4.6		1.000	.518	8th	4							1	2	17	31	3	0	2	0	4
July -	5.0	4.8		1.175	.500	2nd	5							1	7	16	23	8	0	2	0	5
August -	6.0	6.3		6.515	2.600	17th	15							1	3	21	26	1	0	3	2	5
September -	5.5	5.6		0.455	.300	3rd	3							1	5	17	32	0	0	2	2	1
October -	5.9	7.4		2.605	2.100	30th	5							2	8	17	14	0	1	6	10	4
November -	5.1	4.5		0.000	.000	—	0							3	18	21	10	0	0	1	6	1
December -	5.4	7.4		14.460	4.300	6th	11							1	10	18	7	0	2	12	9	3
Year -	5.8	6.1		59.282	—	—	88							20	86	247	210	29	7	39	40	52

## NIGHT OBSERVATIONS.

## MAURITIUS.

1859.	9.30 p.m.	3.30 a.m.		ins.	ins.																	
January -	3.6	4.3												0	3	30	19	1	0	0	0	9
February -	3.5	3.5												1	1	27	4	2	0	0	1	20
March -	4.5	4.7												1	4	18	21	4	0	0	3	11
April -	3.8	4.5												1	0	26	13	1	0	2	0	17
May -	3.0	3.1												0	0	10	11	5	1	0	0	35
June -	3.1	3.5												0	0	18	23	5	0	0	0	14
July -	4.4	4.3												0	2	20	23	3	2	1	0	11
August -	3.6	3.9												0	0	15	29	0	0	1	0	17
September -	3.6	5.1												0	0	19	26	0	0	0	0	15
October -	3.7	4.6												0	1	16	13	0	0	0	0	32
November -	2.5	1.7												1	0	23	15	0	0	0	0	21
December -	3.5	3.1												3	6	19	6	0	0	0	0	28
Year -	3.6	3.9												7	17	241	203	21	3	4	4	230

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## MAURITIUS (R.E.).

Long. 57° 29' E. Lat. 20° 10' S. Height above Mean Sea Level, 30 feet.

1860.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins.	ins.	82° 0	83° 0	81° 7	77° 3	86° 1	73° 0	16th	89° 5	1st	in.	in.	in.	%	%	%	
February -	29° 840	29° 781	82° 0	83° 0	82° 2	77° 3	86° 0	75° 0	11th	89° 0	1st, 2nd	769	781		72° 6	71° 4		
March -	837	781	81° 4	82° 5	82° 2	78° 3	86° 0	75° 0	11th	89° 0	1st, 2nd	790	805		75° 4	75° 0		
April -	29° 857	786	80° 5	82° 2	81° 2	76° 8	85° 6	73° 0	9th	88° 5	22nd	758	758		74° 5	70° 7		
May -	30° 022	951	80° 0	81° 0	80° 1	76° 0	84° 2	71° 5	29th	86° 0	4, 9, 18	696	706		70° 4	68° 2		
June -	047	29° 974	77° 4	78° 6	78° 0	73° 9	82° 1	70° 0	7th, 30th	88° 0	6th, 21st	688	665		71° 9	68° 8		
July -	166	30° 096	73° 5	75° 1	74° 4	70° 9	77° 8	66° 5	22nd	80° 5	17, 18	575	582 <sup>1</sup>		70° 2	67° 7 <sup>1</sup>		
August -	205	129	73° 1	74° 5	73° 6	70° 4	76° 7	68° 5	19, 20, 21	80° 0	10, 11	611	604		75° 8	72° 5		
September -	172	092	73° 5	74° 4	74° 5	70° 7	78° 3	68° 0	13, 19	80° 0	2nd, 27th	624	634		76° 8	75° 9		
October -	146	064	74° 8	75° 7	75° 6	71° 5	79° 6	69° 0	8th	81° 5	27th	628	632		74° 7	72° 6		
November -	102	027	76° 2	77° 5	76° 3	72° 2	80° 4	67° 5	5, 6, 7	83° 5	29th	635	625		71° 5	67° 5		
December -	30° 084	30° 011	80° 4	81° 8	80° 5	76° 2	84° 8	73° 5	6th	90° 0	28, 30	649	649		63° 9	61° 3		
December -	29° 987	29° 925	82° 1	83° 0	—	78° 1	—	74° 5	31st	—	—	757	757		70° 6	68° 9		
Year -	30° 039	29° 968	77° 9	79° 1	—	74° 4	—	—	—	—	—	682	683		72° 4	70° 0		

## MAURITIUS (R.E.).

## NIGHT OBSERVATIONS.

1860.	9.30 p.m.	3.30 a.m.	9.30 p.m.	3.30 a.m.								9.30 p.m.	3.30 a.m.	in.	9.30 p.m.	3.30 a.m.	%
	ins.	ins.			°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29° 852	29° 792	80° 2	79° 7								777	767		77° 0	77° 4	
February -	843	787	80° 3	79° 5								790	784		78° 3	79° 3	
March -	29° 863	811	79° 2	78° 4								740	740		76° 0	78° 2	
April -	30° 027	29° 983	77° 9	76° 8								695	696		73° 8	76° 9	
May -	048	30° 003	75° 8	74° 9								657	660		74° 3	75° 7	
June -	159	115	72° 5	71° 3								574	575		73° 1	73° 3	
July -	182	147	72° 0	71° 6								603	600		77° 5	76° 5	
August -	162	123	72° 6	72° 1								633	620		80° 1	78° 5	
September -	144	095	73° 5	72° 3								630	611		77° 6	78° 1	
October -	103	057	74° 8	73° 5								626	622		73° 7	76° 4	
November -	30° 093	30° 046	78° 2	76° 7								675	656		71° 2	72° 8	
December -	29° 991	29° 952	80° 2	78° 8								743	734		73° 7	75° 8	
Year -	30° 039	29° 993	76° 4	75° 5								679	672		75° 5	76° 6	

## MAURITIUS (R.E.).

1861.	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.								9.30 a.m.	3.30 p.m.	in.	9.30 a.m.	3.30 p.m.	%
	ins.	ins.										in.	in.	in.	%	%	%
January -	29° 905	29° 845	83° 8	84° 7	83° 9 <sup>12</sup>	79° 6 <sup>12</sup>	88° 1 <sup>12</sup>	76° 0	1st	—	—	770	776		68° 2	66° 9	
February -	744	674	80° 0	81° 6	81° 6	78° 1	85° 1	72° 0	21st	89° 7	10th	763	762		76° 4	72° 9	
March -	29° 946	887	80° 1	81° 9	81° 2	77° 4	84° 9	75° 0	4th	87° 2	27th	728	723		72° 8	68° 1	
April -	30° 034	961	79° 8	81° 6	80° 6	76° 6	84° 6	74° 0	6th	86° 7	11, 12	714	703		71° 7	66° 7	
May -	055	29° 977	77° 3	78° 7	78° 2	73° 9	82° 4	71° 8	7th	88° 2	21st	673	664		73° 1	69° 1	
June -	130	30° 056	73° 5	74° 6	74° 6	71° 1	78° 0	67° 2	27th	81° 4	5th	566	561		69° 6	66° 4	
July -	188	112	71° 9	73° 6	73° 1	70° 0	76° 1	68° 2	20th	78° 2	19th	541	540		70° 0	65° 9	
August -	198	116	71° 4	72° 9	72° 5	69° 4	75° 6	67° 8	2nd	77° 7	16th	560	563		73° 5	70° 4	
September -	199	110	73° 0	74° 9	73° 6	70° 2	77° 0	67° 0	11th	80° 2	26th	535	542		66° 7	63° 5	
October -	116	30° 035	76° 2	77° 7	76° 4	72° 9	79° 9	70° 5	21st	82° 2	29, 30, 31	611	614		68° 6	65° 9	
November -	30° 020	29° 955	79° 2	80° 5	79° 2	75° 4	82° 9	73° 0	2nd, 5th	85° 2	22nd	684	692		69° 9	68° 0	
December -	29° 937	29° 875	81° 9	83° 1	82° 4	78° 9	85° 8	76° 0	10th	88° 2	25th	755	745		71° 1	67° 5	
Year -	30° 039	29° 967	77° 3	78° 8	78° 1	74° 5	81° 7	—	—	—	—	658	657		71° 0	67° 6	

## MAURITIUS (R.E.).

## NIGHT OBSERVATIONS.

1861.	9.30 p.m.	3.30 a.m.	9.30 p.m.	3.30 a.m.								9.30 p.m.	3.30 a.m.	in.	9.30 p.m.	3.30 a.m.	%
	ins.	ins.			°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	29° 907	29° 859	82° 1	80° 8								773	762		72° 3	74° 4	
February -	668	618	79° 4	78° 6								757	747		77° 4	78° 2	
March -	29° 949	899	79° 0	78° 0								727	721		74° 9	76° 6	
April -	30° 037	29° 987	78° 4	77° 3								707	707		74° 3	76° 9	
May -	048	30° 000	75° 8	75° 0								655	658		74° 8	76° 4	
June -	119	083	72° 4	71° 7								566	548		71° 4	71° 2	
July -	171	136	71° 3	70° 7								544	534		71° 8	71° 9	
August -	182	142	70° 8	70° 1								557	548		74° 6	75° 1	
September -	195	149	71° 8	70° 9								537	531		69° 7	71° 0	
October -	124	30° 068	75° 0	73° 7								614	618		71° 8	75° 2	
November -	30° 033	29° 977	77° 4	76° 1								692	679		75° 0	76° 4	
December -	29° 947	29° 893	80° 5	79° 5								752	740		73° 7	75° 0	
Year -	30° 032	29° 984	76° 2	75° 2								657	649		73° 5	74° 9	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, 40 feet above ground.

MAURITIUS.

1860.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	7.0	7.5		ins.	ins.	27th	17							5	12	21	10	1	4	5	1	3
February -	7.9	8.1		29.305	11.650	9th	16							3	11	30	4	0	0	4	4	2
March -	5.4	6.7		15.150	4.350	24th	18							2	9	9	16	4	1	6	8	7
April -	4.9	5.9		2.505	1.100	16th	6							3	7	21	18	0	1	4	3	3
May -	4.9	5.6		2.650	1.750	30th	6							0	0	21	28	2	1	1	2	7
June -	5.8	5.8 <sup>1</sup>		0.900	.500	27th	4							0	0	2	28	19	3	1	1	6
July -	6.4	6.9		1.700	.300	2nd	13							2	0	2	12	29	14	0	1	2
August -	5.1	6.7		4.345	1.800	30th	6							4	3	6	9	21	10	2	1	6
September -	5.8	6.8		0.765	.600	7th	4							2	4	23	15	4	0	4	3	5
October -	6.6	7.5		1.055	.500	5th	6							2	4	20	19	8	0	3	4	2
November -	5.9	6.6		0.325	.250	10th	2							0	7	38	13	0	0	1	1	0
December -	6.3	7.7		4.535	2.450	12th	10							16	10	10	4	5	0	2	8	7
Year -	6.0	6.8		90.340	—	—	108							39	67	203	176	93	34	33	37	50

## NIGHT OBSERVATIONS.

MAURITIUS.

1860.	9.30 p.m.	3.30 a.m.	ins.	ins.																		
January -	4.7	4.9												0	4	27	11	1	3	3	0	13
February -	5.9	4.8												0	7	31	7	1	0	0	1	11
March -	3.6	2.7												1	2	12	18	1	1	2	2	23
April -	3.7	3.2												0	1	19	20	1	0	0	0	19
May -	3.8	3.8												0	1	20	24	2	0	1	0	14
June -	3.8	4.5												0	0	0	26	14	2	0	0	18
July -	4.9	5.7												1	0	1	12	22	8	0	0	18
August -	3.9	4.5												0	2	5	6	16	10	1	0	22
September -	3.5	3.7												0	0	20	19	0	1	1	0	19
October -	4.6	4.5												1	1	8	23	6	1	4	0	18
November -	4.1	3.1												0	0	17	23	1	1	0	0	18
December -	4.8	3.9												6	3	4	6	9	0	2	2	30
Year -	4.3	4.1												9	21	164	195	74	27	14	5	223

MAURITIUS.

1861.	9.30 a.m.	3.30 p.m.	ins.	ins.																		
January -	7.0	7.6	5.366	1.825	19th	11								5	8	22	7	1	2	6	7	4
February -	8.2	7.5	46.570	10.000	16th	12								2	4	14	18	5	1	7	4	1
March -	6.7	6.5	2.475	.562	3rd	12								5	6	28	14	2	0	3	2	2
April -	6.1	6.4	3.224	1.700	21st	10								5	6	30	7	3	0	0	2	7
May -	5.7	6.5	3.727	1.075	5th	14								3	8	29	9	2	0	3	1	7
June -	5.1	5.5	0.868	.275	6th	6								1	2	21	28	2	1	3	1	1
July -	5.1	4.9	0.450	.170	19th	6								1	1	38	19	1	0	0	0	2
August -	5.2	5.4	1.840	.700	13, 22	10								1	2	42	16	1	0	0	0	0
September -	5.0	5.0	0.000	.000	—	0								0	2	29	18	1	1	6	1	2
October -	4.9	5.1	0.025	.025	12th	1								4	3	38	5	1	1	7	3	0
November -	4.8	5.5	2.151	.750	23rd	12								8	2	29	4	1	2	7	5	2
December -	5.4	6.1	2.039	.425	9th	12								9	7	31	7	0	1	4	3	0
Year -	5.8	6.0	68.735	—	—	106								44	51	351	152	20	9	46	29	28

## NIGHT OBSERVATIONS.

MAURITIUS.

1861.	9.30 p.m.	3.30 a.m.	ins.	ins.																		
January -	4.6	4.0												2	3	22	10	2	1	2	1	19
February -	5.7	5.7												2	1	11	24	4	2	2	1	9
March -	4.2	4.1												0	4	30	11	3	0	1	3	10
April -	3.6	4.7												0	1	24	10	1	0	1	0	23
May -	4.1	3.8												0	4	23	10	0	0	0	0	25
June -	3.7	3.9												0	0	22	18	3	0	2	0	15
July -	3.3	4.0												0	1	31	8	3	0	0	0	19
August -	2.8	3.7												0	2	44	7	1	0	0	0	8
September -	2.2	3.5												0	0	30	16	2	0	0	0	12
October -	2.4	3.1												0	1	33	3	0	0	0	0	25
November -	3.1	3.1												0	0	35	4	0	0	0	0	21
December -	4.2	3.3												1	1	37	6	0	0	0	0	17
Year -	3.7	3.9												5	18	342	127	19	3	8	5	203

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## HONG KONG (R.E.).

Long. 114° 10' E. Lat. 22° 16' N. Height above Mean Sea Level, 20 feet.

1853.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%	%	%
January -	30° 183 <sup>5</sup>	30° 089 <sup>5</sup>	59° 6 <sup>5</sup>	63° 1 <sup>5</sup>	59° 4 <sup>5</sup>	55° 1 <sup>5</sup>	63° 7 <sup>5</sup>	43° 0	31st	89° 0	26th	439 <sup>5</sup>	443 <sup>5</sup>	—	84 <sup>5</sup>	78 <sup>5</sup>	—
February -	160 <sup>4</sup>	30° 057 <sup>4</sup>	59° 6 <sup>4</sup>	62° 1 <sup>4</sup>	58° 5 <sup>4</sup>	53° 0 <sup>4</sup>	64° 0 <sup>4</sup>	42° 0	24th	74° 0	10th	—	—	—	—	—	—
March -	30° 056 <sup>4</sup>	29° 953 <sup>4</sup>	68° 9 <sup>4</sup>	71° 5 <sup>4</sup>	68° 2 <sup>4</sup>	62° 3 <sup>4</sup>	74° 0 <sup>4</sup>	54° 0	1st, 2nd	80° 5	28th	—	—	—	—	—	—
April -	29° 939 <sup>4</sup>	858 <sup>4</sup>	76° 6 <sup>4</sup>	78° 7 <sup>4</sup>	75° 4 <sup>4</sup>	70° 6 <sup>4</sup>	80° 1 <sup>4</sup>	62° 0	4, 5, 18	86° 0	30th	—	—	—	—	—	—
May -	881 <sup>5</sup>	814 <sup>5</sup>	83° 6 <sup>5</sup>	83° 1 <sup>5</sup>	81° 6 <sup>5</sup>	76° 7 <sup>5</sup>	86° 4 <sup>5</sup>	74° 0	24, 25	89° 0	7, 9, 17	—	—	—	—	—	—
June -	775 <sup>3</sup>	705 <sup>4</sup>	85° 4 <sup>3</sup>	85° 0 <sup>4</sup>	83° 7 <sup>3</sup>	80° 0 <sup>3</sup>	87° 3 <sup>3</sup>	74° 0	3rd, 4th	90° 0	21, 25, 30	930 <sup>3</sup>	933 <sup>4</sup>	—	78 <sup>3</sup>	79 <sup>4</sup>	—
July -	603 <sup>2</sup>	553 <sup>3</sup>	85° 9 <sup>2</sup>	86° 0 <sup>3</sup>	84° 0 <sup>3</sup>	80° 8 <sup>3</sup>	87° 3 <sup>2</sup>	75° 0	14th	93° 0	7th	971 <sup>3</sup>	943 <sup>4</sup>	—	80 <sup>3</sup>	78 <sup>4</sup>	—
August -	717 <sup>1</sup>	656 <sup>3</sup>	85° 5 <sup>1</sup>	86° 0 <sup>3</sup>	84° 3 <sup>1</sup>	81° 0 <sup>1</sup>	87° 5 <sup>1</sup>	79° 0	22nd	90° 5	18th	943 <sup>1</sup>	946 <sup>3</sup>	—	78 <sup>1</sup>	77 <sup>3</sup>	—
September	29° 808	736 <sup>2</sup>	84° 6	84° 8 <sup>2</sup>	83° 2	79° 6	86° 7	75° 5	9th	93° 5	6th	879	894 <sup>2</sup>	—	75	76 <sup>2</sup>	—
October -	30° 019	910 <sup>3</sup>	78° 6	80° 1 <sup>3</sup>	78° 1	74° 8	81° 4	64° 0	9th	89° 0	5th	731	753 <sup>3</sup>	—	76	75 <sup>3</sup>	—
November	020 <sup>3</sup>	29° 939 <sup>4</sup>	73° 9 <sup>2</sup>	76° 0 <sup>4</sup>	73° 7 <sup>2</sup>	71° 2 <sup>2</sup>	76° 1 <sup>2</sup>	64° 5	23rd	81° 0	5, 8, 10	689 <sup>2</sup>	704 <sup>4</sup>	—	83 <sup>2</sup>	80 <sup>4</sup>	—
December	30° 164	30° 078 <sup>5</sup>	63° 4	64° 8 <sup>5</sup>	63° 2	60° 0	66° 4	41° 0	29th	73° 0	1st, 20th	471	476 <sup>3</sup>	—	81	78 <sup>5</sup>	—
Year -	29° 944	29° 862	75° 0	76° 5	74° 4	70° 4	78° 4	—	—	—	—	—	—	—	—	—	—

## HONG KONG (R.E.).

1854.	ins.	ins.										in.	in.	in.	%	%	%
January -	30° 183	30° 078 <sup>1</sup>	63° 4	66° 0 <sup>1</sup>	63° 0	58° 3	67° 7	48° 5	125th	78° 0	31st	447	461 <sup>1</sup>		78	73 <sup>1</sup>	
February -	124	30° 030 <sup>2</sup>	62° 0	63° 4 <sup>2</sup>	61° 4	57° 5	65° 3	49° 0	9th	77° 0	18th	477	486 <sup>2</sup>		86	84 <sup>2</sup>	
March -	30° 083	29° 990 <sup>2</sup>	66° 8	68° 4 <sup>2</sup>	66° 7	62° 5	70° 9	52° 0	17th	80° 0	10th	541	542 <sup>2</sup>		83	79 <sup>2</sup>	
April -	29° 928	848 <sup>3</sup>	71° 6	72° 6 <sup>3</sup>	71° 0	66° 9	75° 0	59° 5	1st	81° 0	5, 6, 8	657	657 <sup>3</sup>		86	84 <sup>3</sup>	
May -	863	798 <sup>2</sup>	83° 0	83° 4 <sup>2</sup>	81° 7	77° 7	85° 6	72° 0	2nd, 7th	89° 5	27th	876	871 <sup>2</sup>		79	77 <sup>2</sup>	
June -	798	736 <sup>2</sup>	85° 2	85° 3 <sup>2</sup>	84° 1	80° 8	87° 4	76° 0	2nd	90° 0	5th, 22nd	955	943 <sup>2</sup>		79	79 <sup>2</sup>	
July -	736	672 <sup>2</sup>	88° 7	88° 7 <sup>2</sup>	86° 3	82° 1	90° 4	78° 0	29th	94° 0	27th	943	958 <sup>2</sup>		75	72 <sup>2</sup>	
August -	672	605	85° 6	87° 2	84° 3	80° 3	88° 2	73° 0	3rd	94° 5	29th	971	968		81	76	
September	787	726 <sup>4</sup>	81° 3	82° 7 <sup>4</sup>	80° 8	77° 3	84° 2	72° 0	21, 22, 23	93° 0	5th	871	873 <sup>4</sup>		82	80 <sup>4</sup>	
October -	29° 997 <sup>4</sup>	29° 913 <sup>4</sup>	76° 2 <sup>4</sup>	75° 3 <sup>4</sup>	71° 1 <sup>4</sup>	79° 4 <sup>4</sup>	59° 0	24th	86° 0	21st	648 <sup>4</sup>	685 <sup>4</sup>		73 <sup>4</sup>	72 <sup>4</sup>		
November	30° 168	30° 068	69° 0	74° 4	69° 7	63° 6	75° 7	57° 0	23rd	82° 0	4, 5, 10	509	562		72	67	
December	30° 176	30° 086 <sup>5</sup>	66° 4	67° 2 <sup>5</sup>	64° 9	60° 1	69° 6	55° 0	2nd, 31st	76° 0	8th	491	477 <sup>5</sup>		79	74 <sup>5</sup>	
Year -	29° 960	29° 879	74° 9	76° 5	74° 1	69° 9	78° 3	—	—	—	—	699	707		79° 4	76° 4	

## HONG KONG (R.E.).

Height above Mean Sea Level, 20 feet till April, then 100 feet.

1855.	ins.	ins.										in.	in.	in.	%	%	%
January -	30° 223	30° 137 <sup>1</sup>	58° 4	61° 1 <sup>1</sup>	59° 7	56° 4	62° 9	45° 5	14th	71° 0	11, 12	350	357 <sup>1</sup>	—	72	68 <sup>1</sup>	—
February -	201	30° 102 <sup>2</sup>	62° 4	64° 4 <sup>2</sup>	61° 8	57° 0	66° 6	46° 0	3rd	73° 0	7th, 21st	436	464 <sup>2</sup>	—	79	77 <sup>2</sup>	—
March -	30° 078	29° 992 <sup>3</sup>	65° 2	67° 0 <sup>3</sup>	65° 0	61° 3	68° 6	49° 0	1st, 2nd	76° 0	17th	522	544 <sup>3</sup>	—	84	82 <sup>3</sup>	—
April -	29° 983 <sup>2</sup>	894 <sup>4</sup>	74° 1 <sup>2</sup>	76° 1 <sup>4</sup>	73° 1 <sup>2</sup>	69° 7 <sup>2</sup>	76° 5 <sup>2</sup>	59° 0	5th, 6th	84° 0	30th	685 <sup>2</sup>	713 <sup>4</sup>	—	82 <sup>2</sup>	80 <sup>4</sup>	—
May -	836 <sup>2</sup>	762 <sup>2</sup>	81° 2 <sup>2</sup>	81° 7 <sup>2</sup>	80° 1 <sup>2</sup>	77° 3 <sup>2</sup>	82° 9 <sup>2</sup>	72° 0	29th	86° 0	22nd	871 <sup>2</sup>	862 <sup>2</sup>	—	82 <sup>2</sup>	81 <sup>2</sup>	—
June -	694	641 <sup>2</sup>	81° 8	82° 7 <sup>2</sup>	80° 6	77° 8	83° 4	68° 0	3rd	85° 5	7th	891	912 <sup>2</sup>	—	84	83 <sup>2</sup>	—
July -	645 <sup>2</sup>	574 <sup>4</sup>	83° 4 <sup>2</sup>	85° 1 <sup>4</sup>	82° 3	79° 1	85° 4	75° 5	29th	89° 0	17th	946 <sup>2</sup>	940 <sup>4</sup>	—	84 <sup>2</sup>	79 <sup>4</sup>	—
August -	594	534	83° 4	84° 5	82° 6	79° 6	85° 5	74° 5	20th	88° 5	8th	940	927	—	83	80	—
September -	724	646	81° 2	82° 5	80° 3	77° 4	83° 2	71° 0	28, 29	88° 5	6th	873	859	—	83	77	—
October -	29° 971	884 <sup>2</sup>	75° 1	76° 2 <sup>2</sup>	74° 3	71° 6	77° 0	64° 5	23rd	82° 5	9th	664	682 <sup>2</sup>	—	78	77 <sup>2</sup>	—
November -	30° 061 <sup>2</sup>	983 <sup>3</sup>	68° 8 <sup>2</sup>	70° 3 <sup>3</sup>	69° 1 <sup>2</sup>	65° 6 <sup>2</sup>	72° 5 <sup>2</sup>	56° 0	30th	80° 0	10th	558 <sup>2</sup>	566 <sup>3</sup>	—	80 <sup>2</sup>	78 <sup>3</sup>	—
December -	30° 090 <sup>2</sup>	29° 996 <sup>3</sup>	64° 3 <sup>2</sup>	66° 5 <sup>3</sup>	64° 1 <sup>2</sup>	60° 2 <sup>2</sup>	68° 0 <sup>2</sup>	48° 5	31st	73° 5	23rd	446 <sup>2</sup>	454 <sup>3</sup>	—	75 <sup>2</sup>	72 <sup>3</sup>	—
Year -	29° 925	29° 845	73° 3	74° 8	72° 7	69° 4	76° 0	—	—	—	—	682	690	—	80° 5	77° 8	—

## HONG KONG (R.E.).

1856.	ins.	ins.										in.	in.	in.	%	%	%
January -	30° 201	30° 094 <sup>3</sup>	58° 2	61° 1 <sup>3</sup>	58° 1	54° 3	61° 8	48° 5	10th	69° 5	7th	357	381 <sup>3</sup>	—	75	72 <sup>3</sup>	—
February -	098	30° 004 <sup>2</sup>	58° 9	59° 6 <sup>2</sup>	59° 0	55° 6	62° 3	39° 0	29th	70° 5	21, 26	407	394 <sup>2</sup>	—	83	78 <sup>2</sup>	—
March -	30° 039 <sup>3</sup>	29° 947 <sup>3</sup>	64° 6 <sup>3</sup>	67° 7 <sup>3</sup>	63° 9 <sup>3</sup>	59° 5 <sup>3</sup>	68° 3 <sup>3</sup>	37° 5	1st	79° 0	24th	462 <sup>3</sup>	479 <sup>3</sup>	—	78 <sup>3</sup>	73 <sup>3</sup>	—
April -	29° 896	802 <sup>3</sup>	71° 0	72° 4 <sup>3</sup>	70° 6	67° 4	73° 8	55° 0	1st	80° 5	10th	682	704 <sup>3</sup>	—	90	88 <sup>3</sup>	—
May -	816	742 <sup>3</sup>	78° 6	80° 2 <sup>3</sup>	78° 2	75° 4	80° 9	65° 0	4th	88° 0	23rd	850	853 <sup>3</sup>	—	87	84 <sup>3</sup>	—
June -	686	612	82° 3	83° 6	81° 6	78° 3	84° 8	76° 0	14, 18, 22	89° 0	5th	891	915	—	82	81	—
July -	642	583 <sup>3</sup>	81° 4	81° 7 <sup>3</sup>	80° 6	77° 6	83° 6	74° 5	20, 27	88° 5	6th	927	961	—	88	87 <sup>3</sup>	—
August -	658	595 <sup>1</sup>	82° 0	83° 0 <sup>1</sup>	81° 2	78° 1	84° 3	73° 0	1st	89° 0	18th	958	961	—	88	86 <sup>5</sup>	—
September -	740 <sup>1</sup>	667 <sup>5</sup>	82° 7 <sup>1</sup>	84° 3 <sup>5</sup>	82° 4	79° 2	85° 6	76° 0	11, 26, 27	90° 5	5th, 6th	943 <sup>1</sup>	958 <sup>5</sup>	—	85 <sup>1</sup>	83 <sup>5</sup>	—
October -	29° 865 <sup>1</sup>	775 <sup>5</sup>	75° 5 <sup>1</sup>	77° 3 <sup>5</sup>	75° 3 <sup>1</sup>	72° 5 <sup>1</sup>	78° 0 <sup>1</sup>	60° 5	25th	86° 0	13th	694 <sup>1</sup>	716 <sup>5</sup>	—	80 <sup>1</sup>	78 <sup>5</sup>	—
November -	30° 067	29° 977 <sup>5</sup>	67° 2	69° 1 <sup>5</sup>	66° 6	63° 0	70° 1	58° 5	20th	76° 0	7th	443	484	—	69	69 <sup>5</sup>	—
December -	30° 108 <sup>5</sup>	30° 028 <sup>4</sup>	62° 6 <sup>5</sup>	64° 1 <sup>4</sup>	62° 1 <sup>5</sup>	58° 6 <sup>5</sup>	65° 6 <sup>5</sup>	46° 0	4th	76° 5	16th	401 <sup>5</sup>	430 <sup>4</sup>	—	73 <sup>5</sup>	73 <sup>4</sup>	—
Year -	29° 901	29° 819	72° 1	73° 7	71° 6	68° 3	74° 9	—	—	—	—	668	686	—	81° 5	79° 3	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

HONG KONG.

1853.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	—	—		0'350	270	31st	4																
February -	—	—		0'877	420	1st	3																
March -	—	—		0'310	220	22nd	4																
April -	—	—		1'150	850	4th	6																
May -	—	—		5'950	1'570	29th	14																
June -	—	—		9'230	4'710	12th	16																
July -	—	—		28'650	6'720	12th	13																
August -	—	—		0'580	320	26th	4																
September -	—	—		18'540	7'730	10th	12																
October -	—	—		2'270	600	6, 12	7																
November -	—	—		10'590	3'300	20th	14																
December -	—	—		3'120	1'800	8th	9																
Year -	—	—		81'617	—	—	106																

HONG KONG.

				ins.	ins.																	
1854.				ins.	ins.																	
January -	—	—		0'090	040	20th	3							4	6	17	4	0	0	0	0	0
February -	—	—		1'640	800	2nd	6							5	12	8	1	0	1	1	0	0
March -	—	—		2'530	670	15th	7							4	8	17	2	0	0	0	0	0
April -	—	—		4'530	1'200	13th	14							0	6	10	4	1	0	0	0	0
May -	—	—		17'440	9'600	28th	14							3	5	16	4	0	2	0	1	0
June -	—	—		16'300	3'920	14th	17							3	2	12	4	2	1	3	3	0
July -	—	—		7'170	2'700	29th	12							6	1	7	1	4	5	2	4	1
August -	—	—		16'855	3'100	12th	14							0	0	0	7	4	14	6	0	0
September -	—	—		16'657	3'650	11th	18							0	5	6	13	2	1	0	0	3
October -	—	—		12'330	6'500	7th	6							1	6	13	1	0	2	4	4	0
November -	—	—		0'000	000	—	0							2	7	14	2	0	2	2	1	0
December -	—	—		0'445	260	22nd	2							3	2	17	7	0	0	0	1	1
Year -	—	—		95'987	—	—	113							31	60	146	50	13	28	18	14	5

NOTE.—The wind summary for 1854 includes only the morning observations.

HONG KONG.

				ins.	ins.																	
1855.				ins.	ins.																	
January -	—	—		0'050	050	1st	1							4	4	9	6	0	0	3	4	1
February -	—	—		1'810	900	23rd	4							1	4	7	7	3	0	2	2	2
March -	—	—		1'735	800	31st	8							0	0	11	13	0	1	1	2	3
April -	—	—		2'785	1'605	2nd	6							0	1	13	13	1	0	2	0	0
May -	—	—		2'840	875	7th	10							0	0	7	15	1	6	1	0	1
June -	—	—		30'090	14'100	12th	19							0	0	3	9	4	9	4	0	1
July -	—	—		16'118	6'500	23rd	20							0	0	6	6	2	12	3	2	0
August -	7'0	7'5		19'542	4'790	21st	16							0	0	9	3	0	9	6	0	4
September -	6'7	7'3		24'830	6'340	27th	14							4	1	12	1	1	3	5	1	2
October -	5'8	5'0 <sup>2</sup>		5'745	4'920	15th	7							1	10	18	2	0	0	0	0	0
November -	7'7 <sup>2</sup>	7'1 <sup>3</sup>		3'159	1'320	11th	8							3	9	4	6	0	1	0	5	2
December -	4'9 <sup>2</sup>	4'5		0'845	425	12th	4							3	9	10	0	0	0	2	3	4
Year -	—	—		109'549	—	—	117							16	38	109	81	12	41	29	19	20

NOTE.—The wind summary for 1855 includes only the morning observations.

HONG KONG.

				ins.	ins.																	
1856.				ins.	ins.																	
January -	5'6	4'7 <sup>3</sup>		0'606	560	26th	3							2	6	18	0	0	0	1	3	1
February -	8'4	7'8 <sup>2</sup>		1'610	985	12th	7							1	3	16	2	0	1	3	0	3
March -	5'9 <sup>1</sup>	6'0 <sup>3</sup>		2'705	950	25th	7							0	10	12	1	0	1	0	4	3
April -	9'3	8'9 <sup>3</sup>		3'045	1'180	2nd	11							0	15	6	2	0	2	1	1	3
May -	9'1	7'8 <sup>3</sup>		6'850	2'160	26th	13							0	9	6	4	0	6	3	1	2
June -	7'2	7'2		19'940	4'690	24th	15							0	7	0	4	1	14	0	3	1
July -	8'8	8'4 <sup>3</sup>		48'655	6'500	16th	26							0	0	17	2	1	3	2	2	4
August -	7'3	7'9 <sup>5</sup>		19'090	3'705	2nd	20							0	1	7	5	1	13	0	1	3
September -	6'0 <sup>1</sup>	5'2 <sup>5</sup>		12'005	4'350	27th	8							0	5	11	3	0	3	2	3	3
October -	7'7 <sup>1</sup>	5'4 <sup>3</sup>		3'631	1'790	19th	8							1	13	8	0	0	0	1	7	1
November -	4'2	4'1 <sup>5</sup>		0'815	500	2nd	2							3	18	5	2	0	0	0	1	1
December -	2'3 <sup>5</sup>	2'9 <sup>4</sup>		0'460	260	19th	3							3	9	4	5	0	0	2	3	5
Year -	6'8	6'4		119'412	—	—	123							10	96	110	30	3	43	15	29	30

NOTE.—The wind summary for 1856 includes only the morning observations.

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## HONG KONG (R.E.).

Long. 114° 10' E. Lat. 22° 16' N. Height above Mean Sea Level, 100 feet.

1857.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.										in.	in.	in.	%.	%.	%.
January -	30.089	29.993 <sup>1</sup>	60.4	62.4 <sup>1</sup>	60.3	56.7	63.9	47.0	4th, 5th	71.0	21st	.398	.416 <sup>1</sup>		73.6	72.2 <sup>1</sup>	
February -	29.992 <sup>2</sup>	.892 <sup>3</sup>	63.0 <sup>2</sup>	64.3 <sup>3</sup>	63.2	59.8	66.5	52.0	8th	75.0	24th	.484 <sup>2</sup>	.490 <sup>3</sup>		82.0 <sup>2</sup>	80.0 <sup>3</sup>	
March -	30.030	.926 <sup>3</sup>	66.2	68.9 <sup>3</sup>	66.2	62.0	70.4	50.0	2nd	79.0	29th	.494	.512 <sup>3</sup>		76.8	73.4 <sup>3</sup>	
April -	29.895	.810 <sup>4</sup>	71.7	72.9 <sup>4</sup>	71.9	68.3	75.4	58.0	5th	82.0	13, 15	.651	.649 <sup>4</sup>		83.4	80.3 <sup>4</sup>	
May -	.748	.669 <sup>4</sup>	79.7	80.6 <sup>4</sup>	78.4	74.8	81.9	71.0	17, 19	85.5	26th	.837	.856 <sup>4</sup>		84.5	83.5 <sup>4</sup>	
June -	.649 <sup>4</sup>	.607 <sup>5</sup>	82.2 <sup>4</sup>	82.0 <sup>5</sup>	80.8 <sup>4</sup>	77.2 <sup>4</sup>	84.3 <sup>4</sup>	72.0	2nd, 5th	88.0	16, 24, 28	.890 <sup>4</sup>	.875 <sup>5</sup>		83.5 <sup>4</sup>	82.3 <sup>5</sup>	
July -	.622 <sup>3</sup>	.577 <sup>3</sup>	85.1 <sup>3</sup>	85.5 <sup>3</sup>	83.2 <sup>3</sup>	79.6 <sup>3</sup>	86.8 <sup>3</sup>	76.0	4th, 31st	90.5	9th	.889 <sup>3</sup>	.921 <sup>3</sup>		76.0 <sup>3</sup>	77.7 <sup>3</sup>	
August -	.672 <sup>2</sup>	.609 <sup>2</sup>	82.3 <sup>2</sup>	82.6 <sup>2</sup>	79.9 <sup>2</sup>	77.1 <sup>2</sup>	82.7 <sup>2</sup>	74.0	1st, 18th	87.5	25th	.776 <sup>2</sup>	.798 <sup>2</sup>		71.9 <sup>2</sup>	72.0 <sup>2</sup>	
September	.686	.619 <sup>2</sup>	80.5	82.3 <sup>2</sup>	80.2	75.4	85.0	68.0	29, 30	89.5	10th	.773	.822 <sup>2</sup>		76.2	76.3 <sup>2</sup>	
October -	29.902 <sup>2</sup>	29.839 <sup>4</sup>	76.6 <sup>2</sup>	78.0 <sup>4</sup>	75.9 <sup>2</sup>	72.0 <sup>2</sup>	79.8 <sup>2</sup>	68.0	24th	82.5	17, 18	.683 <sup>2</sup>	.722 <sup>4</sup>		76.2 <sup>2</sup>	76.9 <sup>4</sup>	
November	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
December	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## HONG KONG (R.E.).

Height above Mean Sea Level, 35 feet.

1858.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.130 <sup>1</sup>	30.045 <sup>2</sup>	62.2 <sup>1</sup>	63.7 <sup>2</sup>	60.7 <sup>1</sup>	56.3 <sup>1</sup>	65.1 <sup>1</sup>	46.0	31st	72.0	12th	.376 <sup>1</sup>	.384 <sup>2</sup>		64.0 <sup>1</sup>	64.0 <sup>2</sup>	
February -	.123 <sup>1</sup>	30.048 <sup>4</sup>	61.6 <sup>3</sup>	62.5 <sup>4</sup>	58.8 <sup>3</sup>	53.2 <sup>3</sup>	64.4 <sup>3</sup>	50.0	10, 16, 22	69.0	15th	.369 <sup>3</sup>	.385 <sup>4</sup>		66.0 <sup>3</sup>	67.0 <sup>4</sup>	
March -	30.022	29.940	63.2	63.2	63.3	59.6	67.0	54.0	21st	76.0	3rd	.464	.484		79.5	82.6	
April -	29.905 <sup>1</sup>	.898 <sup>1</sup>	70.1 <sup>1</sup>	70.8 <sup>1</sup>	70.4 <sup>1</sup>	65.9 <sup>1</sup>	74.8 <sup>1</sup>	60.0	28, 29, 30	80.0	15, 16	.601 <sup>1</sup>	.562 <sup>1</sup>		81.7 <sup>1</sup>	75.2 <sup>1</sup>	
May -	.824 <sup>2</sup>	.765 <sup>2</sup>	76.5 <sup>2</sup>	77.0 <sup>2</sup>	77.1 <sup>2</sup>	72.8 <sup>2</sup>	81.3 <sup>2</sup>	59.0	4th, 5th	86.5	28, 30, 31	.778 <sup>2</sup>	.763 <sup>2</sup>		86.5 <sup>2</sup>	83.4 <sup>2</sup>	
June -	.704	.672	82.8	82.8	—	76.9	—	72.0	14th	—	—	.866	.878		79.3	80.0	
July -	.745 <sup>2</sup>	.716 <sup>2</sup>	86.7 <sup>2</sup>	87.2 <sup>2</sup>	—	81.2 <sup>2</sup>	—	79.0	10, 14, 19	—	—	.884 <sup>2</sup>	.887 <sup>2</sup>		73.4 <sup>2</sup>	74.5 <sup>2</sup>	
August -	.644 <sup>1</sup>	.594 <sup>1</sup>	87.0 <sup>1</sup>	88.2 <sup>1</sup>	—	77.5 <sup>1</sup>	—	75.0	18, 24, 28	—	—	.775 <sup>1</sup>	.789 <sup>1</sup>		62.4 <sup>1</sup>	61.4 <sup>1</sup>	
September -	.773	.685 <sup>1</sup>	83.6 <sup>1</sup>	84.8 <sup>5</sup>	—	79.6 <sup>2</sup>	—	74.0	24th	—	—	.854 <sup>1</sup>	.857 <sup>5</sup>		76.2 <sup>1</sup>	72.9 <sup>5</sup>	
October -	29.955 <sup>1</sup>	29.865 <sup>1</sup>	78.4 <sup>1</sup>	79.4 <sup>1</sup>	78.7	75.5	81.8	70.0	31st	89.0	3rd	.729 <sup>2</sup>	.763 <sup>3</sup>		76.1 <sup>2</sup>	76.9 <sup>3</sup>	
November -	30.095	30.019 <sup>1</sup>	70.7 <sup>2</sup>	72.8 <sup>1</sup>	70.3	66.0	74.5	62.0	19, 22, 25	80.5	3rd	.521 <sup>7</sup>	.553 <sup>12</sup>		70.0 <sup>7</sup>	70.4 <sup>12</sup>	
December -	30.111	30.021	66.4 <sup>2</sup>	67.9 <sup>1</sup>	66.7	63.3 <sup>2</sup>	70.1 <sup>2</sup>	58.0	31st	76.5	11th	.539 <sup>6</sup>	.559 <sup>6</sup>		82.9 <sup>6</sup>	82.7 <sup>6</sup>	
Year -	29.924	29.856	74.1	75.0	—	69.0	—	—	—	—	—	.646	.655		74.9	74.3	

## HONG KONG (R.E.).

1859.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.177	30.079 <sup>2</sup>	59.2	62.1 <sup>1</sup>	59.9	55.7	64.0	48.0	3rd	70.5	22nd	.403 <sup>1</sup>	.428 <sup>1</sup>		77.1 <sup>1</sup>	75.9 <sup>1</sup>	
February -	.199	.103 <sup>2</sup>	59.0	60.9 <sup>2</sup>	—	—	62.8	—	—	74.5	28th	.448 <sup>1</sup>	.481 <sup>3</sup>		87.0 <sup>1</sup>	86.9 <sup>3</sup>	
March -	30.120 <sup>1</sup>	30.038 <sup>2</sup>	62.4 <sup>1</sup>	63.1 <sup>2</sup>	60.3 <sup>4</sup>	56.2 <sup>4</sup>	64.4 <sup>4</sup>	50.0	5, 6, 7	75.5	2nd, 3rd	.489 <sup>1</sup>	.483 <sup>2</sup>		85.6 <sup>1</sup>	83.8 <sup>2</sup>	
April -	29.994	29.905	73.0	74.4	72.0	67.5	76.4	55.5	2nd	86.0	29, 30	.677	.690		83.5	81.7	
May -	.823	.758	82.0	82.8	81.0	77.4	84.5	69.0	3rd, 4th	90.5	30th	.865	.873		80.9	79.4	
June -	.755 <sup>1</sup>	.693	85.0 <sup>1</sup>	86.3	84.5 <sup>1</sup>	81.2	87.8 <sup>1</sup>	76.0	16, 17	93.0	2nd	.961 <sup>1</sup>	.968		82.5 <sup>1</sup>	79.6	
July -	.714	.661 <sup>1</sup>	83.1 <sup>1</sup>	83.9 <sup>1</sup>	82.8	79.7	85.9	76.5	24th	89.5	10, 11, 15	.923	.924 <sup>1</sup>		83.5	81.6 <sup>1</sup>	
August -	.747	.691	83.3 <sup>1</sup>	84.5 <sup>1</sup>	83.3	80.3	86.2	76.0	17th	90.5	13, 14	.892 <sup>1</sup>	.903 <sup>1</sup>		80.4 <sup>1</sup>	79.2 <sup>1</sup>	
September -	.783	.714	81.2	82.3	81.6	79.4	83.8	77.0	9th	89.0	18th	.879	.894		84.5	82.3	
October -	29.917	.844	79.0	79.8	79.3	77.1	81.4	68.5	24th	85.5	2nd	.782	.813		80.3	81.5	
November -	30.086	29.982	68.4	70.7	69.5	66.8	72.1	59.0	16th	82.5	2nd	.523	.554		74.9	74.0	
December -	30.171 <sup>2</sup>	30.063 <sup>2</sup>	62.0 <sup>2</sup>	64.4 <sup>2</sup>	62.8 <sup>2</sup>	59.0 <sup>2</sup>	66.5 <sup>2</sup>	52.0	24th	72.5	29th	.395 <sup>2</sup>	.435 <sup>2</sup>		69.7 <sup>2</sup>	70.2 <sup>2</sup>	
Year -	29.957	29.878	73.1	74.6	—	—	76.3	—	—	—	—	.686	.704		80.8	79.7	

## HONG KONG (R.E.).

1860.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.128 <sup>1</sup>	30.041 <sup>1</sup>	60.5 <sup>1</sup>	62.5 <sup>1</sup>	61.2 <sup>1</sup>	57.8 <sup>1</sup>	64.5 <sup>1</sup>	49.0	12, 13, 27	72.5	23rd	.452 <sup>1</sup>	.474 <sup>1</sup>		83.3 <sup>1</sup>	81.9 <sup>1</sup>	
February -	.075	29.961 <sup>2</sup>	62.8	65.5 <sup>2</sup>	62.4	58.5	66.3	49.0	13, 14	75.5	28th	.458	.493 <sup>2</sup>		78.7	76.0 <sup>2</sup>	
March -	30.016 <sup>1</sup>	.918 <sup>1</sup>	65.9 <sup>1</sup>	66.8 <sup>1</sup>	66.4	63.2	69.5	56.0	7th, 8th	75.5	11th	.559 <sup>1</sup>	.572 <sup>1</sup>		87.3 <sup>1</sup>	86.4 <sup>1</sup>	
April -	29.971 <sup>1</sup>	.917 <sup>3</sup>	69.5 <sup>1</sup>	71.0 <sup>3</sup>	70.0 <sup>1</sup>	66.5 <sup>1</sup>	73.5 <sup>1</sup>	53.5	3rd	84.0	30th	.631 <sup>1</sup>	.640 <sup>3</sup>		86.3 <sup>1</sup>	83.0 <sup>3</sup>	
May -	.832	.754 <sup>4</sup>	77.0	78.3 <sup>4</sup>	77.4	74.3	80.5	67.5	6th	91.0	29th	.777	.786 <sup>4</sup>		84.7	82.1 <sup>4</sup>	
June -	.721 <sup>1</sup>	.647 <sup>5</sup>	82.5 <sup>4</sup>	84.3 <sup>5</sup>	82.2 <sup>4</sup>	78.5 <sup>4</sup>	85.8 <sup>4</sup>	69.0	1st, 2nd	91.5	12, 13	.881 <sup>4</sup>	.916 <sup>5</sup>		81.3 <sup>4</sup>	79.6 <sup>5</sup>	
July -	.743 <sup>2</sup>	.696 <sup>3</sup>	83.0 <sup>3</sup>	82.3 <sup>3</sup>	82.3 <sup>3</sup>	78.8 <sup>3</sup>	85.8 <sup>3</sup>	74.0	9th	90.0	30th	.870 <sup>3</sup>	.872 <sup>3</sup>		79.2 <sup>3</sup>	78.9 <sup>3</sup>	
August -	.705 <sup>2</sup>	.646 <sup>3</sup>	84.1 <sup>5</sup>	85.3 <sup>3</sup>	83.4 <sup>5</sup>	79.5 <sup>5</sup>	87.3 <sup>5</sup>	70.0	30th	94.5	8th, 9th	.910 <sup>5</sup>	.932 <sup>3</sup>		80.0 <sup>5</sup>	78.9 <sup>3</sup>	
September -	.797 <sup>3</sup>	.724 <sup>3</sup>	82.2 <sup>3</sup>	83.0 <sup>3</sup>	81.2 <sup>3</sup>	78.0 <sup>3</sup>	84.4 <sup>3</sup>	74.5	17th	89.0	14th	.831 <sup>3</sup>	.844 <sup>3</sup>		77.5 <sup>3</sup>	76.3 <sup>3</sup>	
October -	29.990 <sup>6</sup>	29.913 <sup>6</sup>	78.8 <sup>6</sup>	80.5 <sup>6</sup>	78.7 <sup>6</sup>	75.5 <sup>6</sup>	81.8 <sup>6</sup>	68.0	15th	87.5	3rd, 4th	.714 <sup>6</sup>	.734 <sup>6</sup>		73.5 <sup>6</sup>	72.3 <sup>6</sup>	
November -	30.138 <sup>3</sup>	30.051 <sup>5</sup>	69.5 <sup>5</sup>	71.5 <sup>5</sup>	70.0 <sup>5</sup>	66.1 <sup>5</sup>	73.8 <sup>5</sup>	52.0	26th	82.5	5th	.536 <sup>6</sup>	.559 <sup>5</sup>		72.9 <sup>5</sup>	71.9 <sup>5</sup>	
December -	30.111 <sup>3</sup>	30.013 <sup>6</sup>	65.8 <sup>5</sup>	67.8 <sup>6</sup>	66.8 <sup>5</sup>	62.8 <sup>5</sup>	70.8 <sup>5</sup>	58.0	17th	74.0	10, 20, 31	.496 <sup>6</sup>	.501 <sup>6</sup>		78.3 <sup>5</sup>	73.8 <sup>6</sup>	
Year -	29.936	29.857	73.5	75.0	73.5	70.0	77.0	—	—	—	—	.676	.694		80.3	78.5	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

HONG KONG.

1857.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	5.2	4.6 <sup>1</sup>		ins. 0.250	ins. .250	20th	1							1	8	15	3	0	0	0	0	4		
February -	7.4	6.7 <sup>3</sup>		0.330	.150	2nd	5							0	2	18	6	0	0	0	1	1		
March -	3.4	3.1 <sup>3</sup>		0.268	.105	2nd	5							1	1	17	1	0	0	1	5	5		
April -	7.4	7.6 <sup>4</sup>		11.289	3.990	17th	10							1	5	8	12	0	0	0	1	3		
May -	5.7	4.5 <sup>4</sup>		0.621	.285	30th	7							0	1	14	6	0	6	3	1	0		
June -	7.7 <sup>4</sup>	7.0 <sup>5</sup>		21.368	3.430	20th	18							0	0	1	13	2	6	3	1	4		
July -	5.5 <sup>3</sup>	7.7 <sup>3</sup>		6.262	1.800	14th	9							—	—	—	—	—	—	—	—	—		
August -	8.0 <sup>2</sup>	7.6 <sup>2</sup>		7.680	2.300	18th	14							0	11	5	1	0	4	1	0	9		
September -	5.7	6.5 <sup>2</sup>		20.059	5.145	30th	13							0	1	6	6	0	4	3	4	6		
October -	3.9 <sup>2</sup>	3.9 <sup>4</sup>		11.500	6.340	1st	12							0	5	12	4	0	2	2	2	4		
November -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—		
December -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—		
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—		

NOTE.—The wind summary for 1857 includes only the morning observations.

HONG KONG.

				ins.	ins.																	
1858.																						
January -	6.0 <sup>1</sup>	5.6 <sup>2</sup>		2.270	1.100	4th	5							0	4	1	11	2	6	7	0	0
February -	5.7 <sup>2</sup>	5.3 <sup>6</sup>		2.950	1.650	18th	3							—	—	—	—	—	—	—	—	—
March -	7.8	8.1		5.240	.620	11th	15							1	5	1	5	6	10	0	3	0
April -	5.1 <sup>1</sup>	5.4 <sup>1</sup>		7.300	6.650	27th	2							0	6	1	8	2	8	1	0	4
May -	8.5 <sup>2</sup>	7.6 <sup>3</sup>		11.063	2.430	3rd	18							0	8	2	12	0	0	0	3	6
June -	7.5	6.3		18.978	6.143	24th	18							0	3	2	16	1	5	0	0	3
July -	6.8 <sup>2</sup>	5.0 <sup>2</sup>		4.545	.680	9th	14							0	7	0	18	5	1	0	0	0
August -	5.9 <sup>1</sup>	5.1 <sup>1</sup>		6.600	1.865	15th	12							0	6	1	0	1	9	0	0	8
September -	5.3	3.7 <sup>6</sup>		3.640	.940	29th	13							6	3	2	3	2	4	0	4	6
October -	6.1	4.6 <sup>5</sup>		0.050	.025	28th	3							4	11	8	1	0	0	0	2	5
November -	2.4	2.7 <sup>1</sup>		0.000	.000	—	0							2	14	1	0	0	0	0	5	8
December -	4.5	3.6		0.120	.100	30th	2							0	11	14	0	0	0	1	1	4
Year -	6.0	5.3		62.756	—	—	105							—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1858 includes only the morning observations.

HONG KONG.

				ins.	ins.																	
1859.																						
January -	5.3	4.0		0.080	.080	5th	1							3	6	13	0	0	0	0	3	6
February -	7.5	6.9 <sup>2</sup>		0.180	.140	5th	3							1	3	10	2	0	0	0	0	12
March -	6.1 <sup>1</sup>	5.0 <sup>2</sup>		4.190	1.785	10th	13							1	4	12	0	0	0	0	0	14
April -	5.6	5.0		0.347	.130	22, 23	5							1	8	5	0	0	0	0	0	16
May -	5.2	4.5		2.010	1.160	15th	6							0	2	7	2	1	0	2	1	16
June -	6.6 <sup>1</sup>	5.8		7.700	3.280	17th	11							0	0	0	4	1	2	0	0	23
July -	6.7	6.6 <sup>1</sup>		17.235	2.800	26th	17							—	—	—	—	—	—	—	—	—
August -	5.7 <sup>1</sup>	5.9 <sup>1</sup>		11.065	3.950	26th	12							0	0	7	3	1	1	2	1	16
September -	6.7	5.8		23.685	6.330	8th	14							0	3	4	5	1	3	0	0	14
October -	6.2	6.1		11.790	4.500	21st	8							0	12	8	1	1	0	1	0	8
November -	1.8	0.9		0.105	.105	14th	1							4	6	8	0	0	0	0	1	11
December -	2.3 <sup>2</sup>	1.4 <sup>2</sup>		0.530	.530	3rd	1							2	5	11	0	0	0	0	0	13
Year -	5.5	4.8		78.917	—	—	92							—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1859 includes only the morning observations.

HONG KONG.

				ins.	ins.																	
1860.																						
January -	8.1 <sup>1</sup>	7.5 <sup>1</sup>		1.100	.600	16th	4							3	10	7	0	0	0	0	0	11
February -	5.2	4.4 <sup>2</sup>		0.000	.000	—	0							1	4	10	0	0	0	0	0	14
March -	8.5 <sup>1</sup>	9.0 <sup>1</sup>		0.910	.665	5th	4							1	22	1	0	0	0	0	0	7
April -	7.4 <sup>1</sup>	7.0 <sup>3</sup>		1.680	.630	2nd	6							1	10	5	1	0	0	0	0	13
May -	7.4	6.3 <sup>4</sup>		10.795	4.510	17th	12							1	6	12	3	1	0	0	0	8
June -	6.6 <sup>4</sup>	4.9 <sup>5</sup>		8.155	2.520	14th	15							—	—	—	—	—	—	—	—	—
July -	6.2 <sup>3</sup>	5.9 <sup>5</sup>		13.550	3.600	9th	17							—	—	—	—	—	—	—	—	—
August -	6.4 <sup>5</sup>	5.8 <sup>3</sup>		16.090	3.890	18th	13							—	—	—	—	—	—	—	—	—
September -	5.2 <sup>3</sup>	4.9 <sup>3</sup>		6.535	2.530	26th	9							—	—	—	—	—	—	—	—	—
October -	3.7 <sup>6</sup>	3.2 <sup>6</sup>		0.560	.230	8th	4							—	—	—	—	—	—	—	—	—
November -	3.6 <sup>5</sup>	2.9 <sup>5</sup>		0.233	.123	3rd	2							—	—	—	—	—	—	—	—	—
December -	4.5 <sup>5</sup>	3.4 <sup>6</sup>		0.120	.120	15th	1							—	—	—	—	—	—	—	—	—
Year -	6.1	5.4 <sup>1</sup>		59.728	—	—	87							—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1860 includes only the morning observations.

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.



## HONG KONG (R.E.).

Long. 114° 10' E. Lat. 22° 16' N. Height above Mean Sea Level, 35 feet.

1861.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	30° 09.1	29° 99.9 <sup>6</sup>	60° 5	62° 5 <sup>6</sup>	62° 3	58° 5	66° 0	49° 0	31st	73° 5	7th, 11th	462	479 <sup>6</sup>		85° 4	82° 1 <sup>6</sup>		
February -	158	30° 03.2 <sup>7</sup>	56° 8	58° 5 <sup>7</sup>	57° 8	54° 0	61° 5	47° 0	1st	71° 0	25th	392	403 <sup>7</sup>		82° 4	80° 5 <sup>7</sup>		
March -	30° 07.0	29° 97.0 <sup>6</sup>	61° 7	63° 3 <sup>6</sup>	62° 5	58° 8	66° 1	55° 0	1, 7, 10	76° 0	27, 28	461	475 <sup>6</sup>		82° 4	80° 4 <sup>6</sup>		
April -	29° 93.6	87° 0 <sup>4</sup>	70° 5	71° 2 <sup>4</sup>	70° 7	66° 8	74° 5	62° 0	1, 16, 31	83° 0	29, 30	589	615 <sup>4</sup>		78° 8	81° 0 <sup>4</sup>		
May -	83.3 <sup>2</sup>	77° 2 <sup>5</sup>	77° 5 <sup>2</sup>	78° 7 <sup>5</sup>	76° 8 <sup>2</sup>	73° 9 <sup>2</sup>	79° 7 <sup>2</sup>	63° 0	1st	87° 0	31st	789 <sup>2</sup>	810 <sup>5</sup>		83° 0 <sup>2</sup>	82° 5 <sup>5</sup>		
June -	799	737 <sup>5</sup>	82° 5	84° 5 <sup>3</sup>	82° 0	78° 8	85° 2	74° 0	25th	88° 5	20, 22	881	906 <sup>5</sup>		79° 6	76° 0 <sup>5</sup>		
July -	760	714 <sup>4</sup>	82° 5	82° 8 <sup>4</sup>	81° 6	78° 5	84° 7	76° 0	17, 21	88° 5	7, 9, 31	889	892 <sup>4</sup>		79° 9	80° 0 <sup>4</sup>		
August -	703	627 <sup>3</sup>	84° 5	85° 8 <sup>3</sup>	83° 9	80° 5	87° 2	75° 0	17th	92° 5	10th	898	893 <sup>3</sup>		75° 6	72° 9 <sup>3</sup>		
September	771	726 <sup>6</sup>	81° 5	82° 3 <sup>6</sup>	81° 3	78° 0	84° 5	75° 0	25, 26	88° 5	1st, 14th	794	808 <sup>6</sup>		73° 3	73° 3 <sup>6</sup>		
October -	29° 94.5	865 <sup>4</sup>	77° 2	78° 5 <sup>4</sup>	78° 3	73° 8	82° 7	63° 5	15th	95° 0	21st	704	705 <sup>4</sup>		75° 0	71° 9 <sup>4</sup>		
November	30° 07.1	29° 96.2 <sup>3</sup>	72° 5	73° 8 <sup>3</sup>	72° 2	69° 1	75° 2	60° 0	26th	81° 5	3rd	620	614 <sup>3</sup>		76° 3	74° 1 <sup>3</sup>		
December	30° 11.7	30° 02.6 <sup>6</sup>	63° 9	67° 5 <sup>6</sup>	63° 9	60° 2	67° 5	49° 0	23rd	77° 5	6th	529	558 <sup>6</sup>		86° 1	81° 1 <sup>6</sup>		
Year -	29° 93.8	29° 85.8	72° 6	74° 1	72° 7	69° 2	76° 2	—	—	—	—	667	680		79° 8	78° 0		

## HONG KONG (R.E.).

1862.	ins.	ins.										in.	in.	in.	%	%	%
January -	30° 19.2	30° 09.6 <sup>6</sup>	56° 5	58° 5 <sup>5</sup>	57° 5	54° 5	60° 5	44° 0	30th	69° 5	17, 25	378	383 <sup>5</sup>		81° 4	76° 4 <sup>5</sup>	
February -	204	103 <sup>7</sup>	58° 1	60° 3 <sup>7</sup>	58° 1	53° 3	62° 8	43° 0	3rd	72° 5	24th	344	365 <sup>7</sup>		69° 4	68° 8 <sup>7</sup>	
March -	30° 12.2	30° 03.1 <sup>9</sup>	61° 0	62° 3 <sup>9</sup>	61° 3	58° 1	64° 5	51° 5	5th, 6th	73° 0	21st	454	454 <sup>9</sup>		83° 7	77° 1 <sup>9</sup>	
April -																	
May -																	
June -																	
July -																	
August -																	
September -																	
October -																	
November -																	
December -																	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## HONG KONG (A.M.D.).

Height above Mean Sea Level, 47 feet.

1865.	9 a.m.   3 p.m. ins.	9 a.m.   3 p.m.								9 a.m.   3 p.m. in.	in.	9 a.m.   3 p.m. %	%
January -	30° 111	63° 6	64° 6	55° 4	73° 8	45° 5	—	82° 0	—	371	63		
February -	29° 942	65° 3	65° 7	60° 1	71° 2	45° 0	—	87° 0	—	513	82		
March -	987	64° 9	65° 7	59° 5	71° 9	47° 0	—	86° 0	—	489	80		
April -	880	73° 7	73° 7	66° 3	81° 1	56° 5	—	94° 0	—	626	76		
May -	921	80° 0	79° 4	72° 1	86° 6	63° 0	—	93° 0	—	762	74		
June -	661	84° 6	84° 0	77° 3	90° 7	73° 0	—	95° 0	—	879	74		
July -	663	88° 2	89° 7	81° 0	98° 3	77° 0	—	99° 5	—	919	69		
August -	626	86° 8	85° 3	77° 8	92° 8	70° 5	—	99° 5	—	870	68		
September -	656	85° 0	82° 9	76° 6	89° 2	73° 0	—	97° 0	—	826	68		
October -	29° 875	77° 9	77° 5	72° 9	82° 1	59° 0	—	92° 0	—	691	72		
November -	30° 022	70° 0	69° 1	63° 1	75° 0	48° 0	—	85° 0	—	482	66		
December -	—	63° 5	61° 8	56° 4	67° 2	50° 0	—	74° 0	—	420	71		
Year -	—	75° 3	75° 0	68° 2	81° 7	—	—	—	—	654	71° 9		

## HONG KONG (A.M.D.).

1866.	ins.	ins.									in.	in.	in.	%	%	%
January -	30° 11.1	30° 01.7	60° 9	64° 4	60° 8	56° 5	65° 1	50° 0	15th	73° 5	1st	382	420		72	69
February -	—	—	61° 3	65° 3	61° 2	56° 2	66° 2	43° 5	4th	79° 0	25th	404	399		75	64
March -	30° 07.3	30° 02.3	63° 8	64° 6	63° 2	59° 2	67° 2	50° 0	9th, 10th	80° 5	22nd	493	497		83	82
April -	30° 03.4	30° 00.2	68° 6	71° 7	69° 4	63° 3	75° 5	56° 5	11th	89° 0	6th	556	580		80	74
May -	29° 87.3	29° 84.8	80° 9	82° 8	81° 5	74° 2	88° 7	64° 0	13th	96° 5	4th	768	788		73	71
June -	781	754	79° 9	82° 7	80° 8	74° 4	87° 1	67° 5	1st	96° 0	18th	777	786		75	70
July -	858	832	84° 5	88° 0	85° 6	77° 5	93° 6	73° 5	7th	99° 0	27th	857	847		72	63
August -	795	768	85° 8	90° 9	87° 4	78° 9	95° 9	76° 0	22nd	102° 5	7th	898	843		72	58
September -	29° 80.4	729	81° 3	84° 1	82° 4	75° 2	89° 5	72° 5	29th	96° 0	9th	811	811		76	70
October -	30° 00.4	29° 95.1	76° 6	78° 3	77° 2	71° 1	83° 2	62° 0	22nd	91° 5	14th	656	608		72	56
November -	167	30° 07.9	68° 0	72° 1	69° 6	62° 2	77° 0	55° 0	28th	85° 5	2nd	403	431		58	55
December -	30° 23.8	30° 15.6	60° 8	66° 1	62° 2	54° 0	70° 4	49° 0	20th	75° 0	24, 25	286	310		54	48
Year -	—	—	72° 7	75° 9	73° 5	66° 9	80° 0	—	—	—	—	608	610		71° 8	65° 0

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

HONG KONG.

1861.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	7.7	7.0 <sup>6</sup>		2.500	1.560	28th	5							3	2	14	2	0	0	0	1	9	
February -	5.8	6.3 <sup>7</sup>		2.165	.580	8th	7							6	1	10	1	1	0	0	0	9	
March -	7.5	6.5 <sup>6</sup>		0.415	.165	22nd	4							2	11	8	3	0	0	1	0	6	
April -	6.5	7.0 <sup>4</sup>		6.400	2.810	5th	10							2	3	8	2	2	3	1	2	7	
May -	7.5 <sup>2</sup>	6.4 <sup>5</sup>		15.472	16.620	8th	14							0	0	13	5	2	1	3	0	7	
June -	6.5	5.6 <sup>5</sup>		13.100	2.350	30th	16							0	0	4	9	2	2	5	0	8	
July -	7.6	7.1 <sup>4</sup>		14.279	3.440	5th	18							1	2	3	14	4	1	3	0	3	
August -	6.0	4.7 <sup>5</sup>		5.160	1.755	28th	10							0	0	10	3	4	3	5	0	6	
September	5.8	5.1 <sup>6</sup>		10.277	2.447	7th	13							1	4	10	3	1	0	3	4	4	
October -	4.5	5.1 <sup>4</sup>		2.258	1.050	10th	8							3	5	11	3	1	0	2	5	1	
November	5.1	4.6 <sup>5</sup>		0.874	.874	30th	1							2	8	12	2	1	0	0	1	4	
December	5.1	5.8 <sup>6</sup>		3.045	.624	27th	11							2	5	10	1	0	0	1	4	8	
Year -	6.3	5.9		75.945	—	—	117							22	41	113	48	18	10	24	17	72	

NOTE.—The wind summary for 1861 includes only the morning observations.

HONG KONG.

				ins.	ins.																	
1862.																						
January -	6.0	7.1 <sup>5</sup>		0.865	.665	4th	4							6	4	7	4	2	0	0	3	5
February -	3.2	2.3 <sup>7</sup>		0.000	.000	—	0							2	1	12	1	0	0	1	6	5
March -	6.5	6.2 <sup>5</sup>		0.109	.074	1st	2							1	10	7	5	0	0	0	1	7
April -																						
May -																						
June -																						
July -																						
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1862 includes only the morning observations.

HONG KONG.

	9 a.m.	3 p.m.		ins.	ins.																	
1865.																						
January -	3.7			0.130	—	—	1							24	—	30	—	2	—	0	—	6
February -	7.3			1.120	—	—	8							14	—	23	—	11	—	5	—	3
March -	6.5			0.640	—	—	10							14	—	28	—	9	—	2	—	9
April -	4.6			8.540	—	—	10							4	—	25	—	15	—	1	—	15
May -	5.4			11.890	—	—	18							5	—	18	—	23	—	7	—	9
June -	5.2			12.510	—	—	19							3	—	10	—	20	—	9	—	18
July -	3.9			12.840	—	—	15							0	—	6	—	31	—	22	—	3
August -	4.7			11.810	—	—	16							1	—	6	—	17	—	13	—	25
September -	3.7			7.190	—	—	8							3	—	15	—	24	—	10	—	7
October -	4.3			7.830	—	—	12							4	—	39	—	12	—	3	—	4
November -	3.3			0.470	—	—	1							10	—	32	—	0	—	4	—	14
December -	6.4			1.060	—	—	1							15	—	27	—	0	—	8	—	12
Year -	4.9			76.030	—	—	119							97	—	260	—	164	—	84	—	125

HONG KONG.

				ins.	ins.																	
1866.																						
January -	3.6	3.2		0.070	.040	21st	2	0	0	0	0			0	16	28	4	0	0	0	6	8
February -	4.9	4.3		1.110	.400	3rd	8	0	0	0	0			0	16	17	3	0	0	0	6	14
March -	6.2	6.3		3.070	1.060	9th	14	0	0	0	1			3	18	25	5	0	0	2	2	9
April -	4.1	3.8		5.420	2.400	10th	9	0	0	0	2			0	30	10	0	0	0	2	0	18
May -	4.3	3.7		17.960	8.720	29th	14	0	0	0	2			0	7	17	7	8	4	1	0	18
June -	5.9	4.9		16.160	2.540	17th	21	0	0	0	2			1	10	33	2	1	0	3	0	10
July -	3.9	3.3		9.570	2.570	2nd	15	0	0	0	2			0	3	6	15	13	4	2	1	18
August -	2.9	2.6		3.800	1.040	21st	14	0	0	0	2			0	10	3	7	5	10	5	5	17
September -	4.6	4.5		19.260	3.460	1st	17	0	0	0	1			3	21	6	5	0	2	2	2	19
October -	4.0	3.5		0.520	.220	24th	6	0	0	0	0			3	33	13	1	0	0	0	0	12
November -	1.8	2.0		0.040	.020	6, 28	2	0	0	0	0			4	28	9	0	0	0	2	1	16
December -	0.8	0.9		0.120	.120	31st	1	0	0	0	0			8	16	13	0	0	0	4	0	21
Year -	3.9	3.6		77.100	—	—	123	0	0	0	12			22	208	180	47	27	20	23	23	180

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.



## HONG KONG (A.M.D.).

Long. 114° 10' E. Lat. 22° 16' N. Height above Mean Sea Level, 43 feet.

1867.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	30.221	30.131	58.0	61.8	58.8	52.3	65.3	40.5	17th	74.0	13, 14	.355	.362		73	66		
February -	.148	30.075	61.0	63.5	62.3	56.3	68.2	46.0	21st	80.5	15th	.404	.410		76	70		
March -	30.068	29.981	66.0	68.5	66.5	60.9	72.0	54.0	14th	87.0	23rd	.525	.529		83	76		
April -	29.984	.916	73.6	77.4	74.2	67.9	80.5	56.5	7th	90.0	27th	.639	.659		78	70		
May -	.785	.743	78.5	80.2	78.7	73.3	84.0	63.5	5th	90.5	8th	.824	.798		85	77		
June -	.795	.759	83.9	87.5	85.8	78.5	93.1	63.0	8th	103.0	26th	.865	.870		74	67		
July -	.771	.709	85.0	88.2	—	—	92.3	—	—	101.0	12th	.854	.852		70	64		
August -	.742	.713	82.3	86.8	83.6	75.6	91.6	69.0	10th	99.5	6th	.871	.866		79	68		
September	.726	.678	82.8	87.0	83.7	76.6	90.7	67.5	9th	97.0	1st	.762	.792		68	61		
October -	29.964	29.884	79.6	81.7	79.9	73.3	86.5	67.0	7th, 8th	93.0	5th	.716	.682		71	64		
November	30.163	30.053	68.0	72.0	68.4	60.6	76.2	50.0	29th	88.5	1st	.343	.350		50	45		
December	30.152	30.036	63.6	66.7	63.9	56.8	70.9	51.0	17, 18	75.5	9th	.357	.358		61	55		
Year -	29.960	29.890	73.5	76.8	—	—	80.9	—	—	—	—	.626	.627		72.3	65.3		

## HONG KONG (A.M.D.).

1868.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.119	30.023	62.4	64.9	62.9	57.1	68.6	52.0	9th	74.0	22nd	.399	.409		71	66	
February -	.067	29.968	65.7	67.9	65.3	59.5	71.1	53.0	8th, 29th	81.0	23, 26	.457	.446		73	68	
March -	30.032	.936	65.2	67.5	65.1	60.3	69.9	51.0	28th	84.0	16th	.497	.508		81	75	
April -	29.966	.873	72.4	74.8	72.8	66.9	78.6	60.0	1st	89.0	23, 26	.627	.617		79	71	
May -	.896	.799	79.0	81.7	79.2	73.0	85.3	68.0	5th, 19th	94.0	15th	.617	.628		62	56	
June -	.751	.672	82.2	84.5	82.0	75.6	88.3	71.0	4th	96.0	13th	.868	.861		79	72	
July -	.720	.625	83.8	87.0	84.4	77.2	91.5	73.0	1st	97.5	19th	.852	.874		77	68	
August -	.692	.610	83.6	87.1	84.7	77.1	92.2	73.0	25, 26	98.0	10th	.875	.902		76	69	
September -	.764	.677	83.2	86.8	83.7	76.0	91.3	74.0	14, 18, 22	96.0	1st, 2nd	.813	.811		72	63	
October -	29.925	.831	79.4	82.5	79.9	72.9	86.8	65.0	31st	94.0	13th	.701	.697		69	63	
November -	30.076	29.974	71.7	74.3	71.7	65.3	78.1	49.0	27th	85.0	5th	.545	.554		70	65	
December -	30.117	30.018	64.9	67.8	65.3	58.7	71.9	40.0	31st	81.0	3rd	.440	.452		72	65	
Year -	29.927	29.834	74.5	77.2	74.7	68.3	81.1	—	—	—	—	.641	.647		73.4	66.8	

## HONG KONG (A.M.D.).

1869.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.176	30.068	60.4	64.3	61.4	55.2	67.6	40.0	1st	75.0	18th	.390	.400		73	66	
February -	.190	30.065	60.8	64.4	62.1	55.9	68.3	48.0	6th	74.0	13th	.407	.410		78	67	
March -	30.013	29.885	65.0	67.1	65.0	58.7	71.3	54.0	7th	79.0	19th	.478	.482		78	70	
April -	29.934	.853	70.9	72.9	71.0	64.4	77.6	57.0	4th	87.0	18, 29	.609	.612		80	75	
May -	.851	.773	79.7	82.7	79.9	73.4	86.3	65.0	1st	92.0	18th	.785	.790		78	71	
June -	.753	.678	85.1	86.8	84.7	78.1	91.3	74.0	2, 10, 14	97.0	20th	.961	.970		79	75	
July -	.759	.675	86.9	89.1	87.5	79.7	95.2	77.0	20th	98.0	10, 16, 27	.919	.934		68	65	
August -	.748	.686	85.3	88.2	85.9	78.1	93.6	75.0	5, 6, 16	97.0	12, 14	.877	.910		73	70	
September -	.823	.744	83.6	86.1	83.7	76.6	90.7	67.0	30th	95.0	2nd	.832	.878		73	70	
October -	29.968	29.864	76.9	80.2	77.7	70.2	85.2	62.0	29th	92.0	12, 14	.646	.699		69	67	
November -	30.115	30.016	66.9	69.9	66.8	58.2	75.4	52.0	7th, 8th	84.0	3rd	.379	.436		57	59	
December -	30.168	30.055	63.2	65.9	63.9	57.1	70.7	50.0	18, 30	77.0	1st, 27th	.387	.425		67	68	
Year -	29.958	29.864	73.7	76.5	74.1	67.1	81.1	—	—	—	—	.639	.662		72.8	68.6	

## HONG KONG (A.M.D.).

1870.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.145	30.040	59.4	62.5	61.0	54.1	67.8	42.0	14, 15	76.0	11th	.353	.385		70	69	
February -	.155	30.051	59.0	61.1	60.5	53.1	67.9	46.0	17th	76.0	5, 6, 28	.328	.362		66	67	
March -	30.084	29.980	67.1	70.0	67.7	61.5	73.9	47.0	15, 16	81.0	26, 27	.508	.548		76	74	
April -	29.998	.918	76.0	78.7	77.0	70.7	83.3	62.0	12th	95.0	26th	.649	.676		73	69	
May -	.903	.825	79.5	82.3	80.2	73.9	86.4	68.0	5th	96.0	30th	.793	.826		80	75	
June -	.823	.767	85.7	89.7	86.7	78.4	94.9	76.0	6th	99.0	10, 17, 26	.885	.900		72	65	
July -	.696	.644	86.0	90.9	87.4	79.4	95.4	76.0	26, 27	100.0	10, 15, 16	.889	.900		70	63	
August -	.715	.655	83.3	87.7	84.7	77.2	92.1	74.0	21st	98.0	2, 4, 6	.855	.862		75	65	
September -	.764	.703	80.9	83.6	81.2	74.7	87.7	73.0	4, 16, 29	95.0	2nd	.752	.776		71	67	
October -	29.930	.854	77.9	80.0	78.2	71.9	84.4	66.0	16th	89.0	4th	.648	.658		67	64	
November -	30.052	.958	67.5	71.8	68.2	62.0	74.4	52.0	18th	84.0	1st	.405	.442		60	57	
December -	30.065	29.978	63.6	67.5	63.3	56.1	70.5	43.0	24th	77.0	7th	.353	.378		64	56	
Year -	29.944	29.864	73.8	77.2	74.7	67.8	81.6	—	—	—	—	.618	.643		70.3	65.9	

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

HONG KONG.

1867.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	2.5	2.4		1.030	.450	23rd	5	0	0	0				5	21	9	0	0	0	7	0	20	
February -	4.2	3.2		0.300	.190	19th	5	0	0	0				6	27	7	0	0	0	1	2	13	
March -	4.7	4.8		8.300	3.570	25th	13	0	0	4				0	23	18	0	2	0	1	0	18	
April -	4.5	4.1		3.170	1.630	23rd	4	0	0	4				0	16	6	8	8	3	1	0	18	
May -	5.5	5.1		10.670	2.960	17th	22	0	0	5				0	15	18	13	5	1	0	0	10	
June -	3.2	3.1		9.500	4.480	5th	11	0	0	2				0	12	6	20	8	4	1	1	8	
July -	4.3	4.1		24.700	6.620	25th	13	0	0	1				0	7	8	32	5	5	1	3	1	
August -	4.6	4.4		16.500	2.910	18th	11	0	0	1				0	9	11	33	2	0	1	4	2	
September	3.9	3.2		18.540	6.700	9th	11	0	0	0				1	27	14	9	0	0	0	7	2	
October -	2.8	2.3		9.450	4.800	2nd	2	0	0	0				0	31	18	5	2	0	0	5	1	
November	1.0	1.1		0.000	.000	—	0	0	0	0				4	40	12	0	0	1	1	2	0	
December	1.6	1.3		0.000	.000	—	0	0	0	0				0	31	29	0	0	0	0	2	0	
Year -	3.6	3.3		102.160	—	—	97	0	0	17				16	259	156	120	32	14	14	26	93	

HONG KONG.

1868.				ins.	ins.																	
January -	5.4	3.8		0.570	.570	3rd	1	0	0	0				1	45	11	2	0	1	0	2	0
February -	5.3	3.7		0.380	.320	7th	2	0	0	0				0	32	20	0	0	3	1	1	1
March -	7.4	6.2		2.800	1.040	2nd	12	0	0	0				0	23	20	14	0	1	0	2	2
April -	5.6	4.8		6.650	1.500	22nd	11	0	0	5				0	24	12	14	2	5	0	2	1
May -	4.6	3.9		9.450	2.900	28th	11	0	0	6				1	20	11	17	4	6	1	1	1
June -	6.4	5.3		37.100	7.540	28th	21	0	0	1				0	6	8	26	2	10	1	4	3
July -	3.7	3.3		7.110	1.730	2nd	9	0	0	0				0	9	5	13	7	25	1	1	1
August -	5.4	4.1		14.790	2.700	23rd	16	0	0	2				0	5	14	11	7	18	3	2	2
September -	3.2	2.8		8.370	3.280	14th	12	0	0	0				0	19	13	14	2	2	1	3	6
October -	3.6	3.5		9.310	3.750	25th	7	0	0	0				0	31	20	10	0	0	0	0	1
November -	3.5	2.9		1.380	.360	21st	8	0	0	0				4	19	33	4	0	0	0	0	0
December -	4.2	3.4		1.020	.800	2nd	3	0	0	0				0	23	34	4	0	0	0	0	1
Year -	4.9	4.0		98.930	—	—	113	0	0	14				6	256	201	129	24	71	8	18	19

HONG KONG.

1869.				ins.	ins.																	
January -	5.4	3.6		0.210	.210	26th	1	0	0	0				0	24	29	0	0	0	2	4	3
February -	6.2	5.1		4.320	.790	15th	13	0	0	0				0	20	26	5	0	1	0	3	1
March -	6.8	5.8		5.500	2.850	25th	14	0	0	2				0	24	16	10	0	0	3	5	4
April -	6.3	5.9		5.460	1.150	20th	16	0	0	1				0	15	28	3	0	3	5	0	6
May -	4.1	3.3		13.000	6.360	25th	10	0	0	4				0	15	23	2	3	13	2	0	4
June -	5.0	4.3		11.500	1.960	13th	16	0	0	0				0	8	11	22	0	12	4	0	3
July -	3.6	2.3		6.810	1.500	20th	19	0	0	0				0	0	17	24	6	9	1	0	5
August -	3.4	2.5		10.500	4.400	5th	13	0	0	1				0	15	9	4	1	12	13	1	7
September -	4.2	3.5		15.100	3.710	29th	19	0	0	1				0	7	30	12	0	0	0	0	11
October -	3.2	2.8		5.380	2.680	1st	5	0	0	0				1	25	29	2	0	0	0	1	4
November -	1.7	1.8		0.000	.000	—	0	0	0	0				11	31	13	0	0	0	0	0	5
December -	4.2	5.2		0.160	.080	6th	3	0	0	0				0	25	19	2	0	0	1	9	6
Year -	4.5	3.8		77.940	—	—	129	0	0	9				12	209	250	86	10	50	31	23	59

HONG KONG.

1870.				ins.	ins.																	
January -	4.3	3.2		0.000	.000	—	0	0	0	0				1	31	12	0	0	2	0	8	8
February -	4.1	2.8		0.000	.000	—	0	0	0	0				3	33	14	0	0	0	0	2	4
March -	5.7	4.7		3.710	1.950	15th	9	0	0	0				0	16	26	12	1	3	0	0	4
April -	5.5	4.3		1.240	.500	13th	7	0	0	0				0	6	23	20	0	9	2	0	0
May -	6.8	6.2		19.800	8.270	12th	21	0	0	3				0	0	14	24	0	22	2	0	0
June -	5.8	4.6		5.920	1.600	12th	23	0	0	1				0	0	9	18	2	31	0	0	0
July -	5.4	4.4		5.820	1.200	28th	11	0	0	2				0	0	7	7	1	40	7	0	0
August -	4.1	4.5		14.480	5.300	23rd	13	0	0	2				0	0	26	3	0	21	10	0	2
September -	5.0	5.0		15.230	2.300	17th	12	0	0	5				0	4	46	1	0	4	3	2	0
October -	3.4	3.3		3.900	1.020	6th	9	0	0	0				0	44	11	0	0	0	5	1	1
November -	2.8	2.2		0.690	.540	2nd	5	0	0	0				16	27	11	0	0	0	4	2	0
December -	1.3	1.1		0.000	.000	—	0	0	0	0				11	20	21	1	0	0	2	2	5
Year -	4.5	3.9		70.790	—	—	110	0	0	13				31	181	220	86	4	132	35	17	24



## HONG KONG (A.M.D.).

Long. 114° 10' E. Lat. 22° 16' N. Height above Mean Sea Level, 43 feet.

1871.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	30.091	30.016	62.1	64.1	62.7	57.1	68.2	46.0	27th	75.0	13th	.387	.410		70	69		
February -	.112	.019	61.0	63.0	61.6	56.2	66.9	48.0	26th	76.0	6th	.399	.423		75	74		
March -	30.111	30.010	63.7	66.9	66.1	60.1	72.1	54.0	3rd, 4th	84.0	31st	.457	.480		77	72		
April -	29.986	29.904	75.5	78.8	76.9	69.0	84.7	61.0	9th	95.0	29th	.634	.673		71	68		
May -	.835	.769	82.9	85.3	82.4	74.3	90.4	61.0	14th	96.0	10, 11	.863	.845		77	69		
June -	.730	.688	83.3	86.2	83.0	75.5	90.5	68.0	3rd	99.0	9th	.915	.891		78	72		
July -	.730	.692	84.8	87.9	84.9	76.9	92.8	74.0	1st, 11th	99.0	3rd	.891	.888		74	67		
August -	.693	.636	84.1	87.5	84.3	76.9	91.6	74.0	1, 12, 13	98.0	27th	.867	.867		71	66		
September	.788	.728	82.0	83.9	81.5	75.0	88.0	68.0	27th	95.0	8th	.858	.876		78	75		
October -	29.900	29.828	77.6	79.9	77.3	71.6	83.0	68.0	11, 30	92.0	4th	.710	.717		75	69		
November	30.100	30.001	67.8	70.8	67.8	61.0	74.5	52.0	14, 17, 19	83.0	2nd	.425	.442		63	59		
December	30.242	30.154	58.6	61.5	58.8	53.0	64.6	38.0	12th	76.0	7th	.301	.315		63	57		
Year -	29.943	29.870	73.6	76.3	73.9	67.2	80.6	—	—	—	—	.642	.652		72.7	68.1		

## HONG KONG (A.M.D.).

1872.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.191	30.086	58.7	61.7	58.9	54.0	63.7	45.0	26th	71.0	7th, 15th	.363	.366		73	68	
February -	.181	30.092	56.2	59.3	55.1	47.1	63.0	38.5	12, 13	75.0	25th	.320	.340		72	68	
March -	30.036	29.954	65.5	67.8	63.8	55.8	71.8	44.0	3rd	81.5	13th	.498	.498		77	73	
April -	29.976	.922	76.2	79.0	76.7	68.9	84.4	57.0	2nd	93.0	29th	.657	.662		73	67	
May -	.837	.768	81.8	83.7	81.7	75.9	87.4	71.0	7th	95.0	17th	.771	.799		71	69	
June -	.777	.738	84.1	86.1	84.9	79.3	90.5	75.0	1st	96.5	9th	.897	.917		76	73	
July -	.752	.705	85.2	88.3	86.1	79.4	92.8	77.0	3rd, 27th	99.0	17th	.904	.913		74	69	
August -	.721	.650	84.6	88.0	86.4	79.6	93.2	77.0	4, 6, 25	98.0	16th	.929	.908		78	69	
September	.851	.783	81.4	85.3	83.1	76.5	89.6	70.0	23rd	97.0	9th	.748	.754		70	62	
October -	29.949	.877	75.9	79.6	77.4	71.9	82.9	65.0	30th	88.0	2nd	.645	.661		71	65	
November	30.080	29.993	69.8	73.5	71.0	66.0	76.0	57.0	12, 13	82.0	1, 2, 3	.477	.503		65	61	
December	30.186	30.117	65.7	68.4	66.4	61.2	71.5	54.0	16, 18	77.0	5th	.439	.453		70	64	
Year -	29.961	29.890	73.8	76.7	74.3	68.0	80.6	—	—	—	—	.637	.648		72.5	67.3	

## HONG KONG (A.M.D.).

1873.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.165	30.065	56.4	60.1	56.8	51.8	61.8	46.0	21, 22	71.0	1, 2, 3	.306	.343		67	66	
February -	.111	30.019	60.5	64.3	60.2	52.6	67.7	41.0	20th	76.0	11th	.361	.370		69	65	
March -	30.086	29.991	63.8	67.4	64.1	57.2	70.9	52.0	1st, 18th	82.0	31st	.449	.481		76	72	
April -	29.970	.900	71.9	76.0	71.8	63.4	80.2	51.0	17th	94.0	30th	.594	.592		75	67	
May -	.856	.808	78.5	81.1	77.7	68.9	86.4	64.0	6th	97.0	30th	.770	.791		79	75	
June -	.746	.689	83.5	86.4	82.5	72.9	92.1	65.0	5th, 6th	100.0	11, 12, 16	.825	.858		72	68	
July -	.747	.701	83.5	85.7	83.1	74.3	91.8	69.0	17th	100.0	9, 10, 12	.952	.982		83	79	
August -	.803	.752	83.9	86.0	83.0	74.7	91.2	70.0	6th	95.0	2, 17, 29	.089	.139		94	92	
September	29.767	.716	82.8	85.8	83.4	76.5	90.3	72.0	13th	98.0	8th, 11th	.982	.085		88	88	
October -	30.002	29.928	76.6	78.6	77.5	71.3	83.6	64.0	31st	90.0	9th	.668	.676		73	69	
November	.121	30.026	71.3	73.9	72.4	67.1	76.7	—	—	80.4	24th	.553	.555		71	66	
December	30.129	30.034	65.6	68.6	65.7	60.2	71.1	45.0	31st	77.8	22nd	.458	.462		73	65	
Year -	29.958	29.884	73.2	76.2	73.1	65.9	80.3	—	—	—	—	.667	.695		76.7	72.7	

## HONG KONG (A.M.D.).

1874.	ins.	ins.										in.	in.	in.	%	%	%
January -	30.179	30.093	57.7	61.1	58.3	53.3	63.3	45.0	4th	74.5	29th	.355	.380		74	71	
February -	.104	30.040	60.2	63.1	61.6	57.2	66.0	51.0	13th	76.0	5th	.423	.439		82	76	
March -	30.019	29.944	64.0	66.3	64.7	60.2	69.2	52.0	16th	79.8	5th	.492	.505		82	78	
April -	29.990	.921	69.9	74.0	71.6	65.1	78.1	59.0	3rd	88.6	30th	.542	.561		73	67	
May -	.773	.728	77.6	80.0	78.4	73.9	82.9	66.5	4th	95.8	30th	.800	.798		84	78	
June -	.792	.745	84.9	89.9	87.0	79.1	94.8	76.0	25, 26	100.4	8th	.889	.881		73	62	
July -	.723	.669	84.8	89.1	86.4	79.8	93.0	75.9	8th	99.2	16th	.906	.919		75	68	
August -	.764	.709	83.7	86.3	84.7	78.3	91.1	75.5	24th	97.8	2nd, 6th	.934	.970		81	76	
September	.841	.775	82.9	87.6	84.3	78.1	90.5	75.0	22nd	95.4	8th	.923	.989		82	76	
October -	29.994	29.924	79.4	83.3	80.6	74.6	86.6	61.0	30th	96.4	5th	.818	.814		82	72	
November	30.176	30.084	68.0	72.6	68.8	62.2	75.4	46.4	27th	83.8	5th	.548	.602		80	76	
December	30.153	30.066	64.7	69.2	65.9	60.0	71.8	51.8	27th	83.4	17th	.437	.447		72	62	
Year -	29.959	29.892	73.2	76.9	74.4	68.5	80.2	—	—	—	—	.672	.692		78.3	71.8	

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

HONG KONG.

1871.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	4°0	2°9		0°050	°050	27th	1	0	0	0				0	31	23	6	0	0	0	0	2	
February -	4°9	3°8		3°130	1°440	22nd	8	0	0	0				0	25	19	8	0	0	0	0	4	
March -	5°2	3°2		0°310	°140	15th	3	0	0	0				0	25	25	8	0	0	0	0	4	
April -	3°2	2°3		0°360	°360	22nd	1	0	0	0				0	6	37	8	1	1	0	0	7	
May -	4°2	4°0		14°610	3°000	19th	13	0	0	6				0	1	19	3	22	10	4	0	3	
June -	3°6	3°3		23°860	5°750	3rd	20	0	0	1				1	1	25	6	8	4	1	0	14	
July -	2°2	2°3		10°210	2°300	12th	15	0	0	0				0	2	11	20	11	5	7	1	5	
August -	2°0	2°0		22°110	5°900	13th	14	0	0	4				0	0	12	2	21	2	10	4	11	
September	2°2	2°3		18°930	5°250	3rd	16	0	0	1				9	1	33	1	1	2	3	4	6	
October -	2°1	2°2		10°130	3°580	9th	9	0	0	0				6	3	35	1	2	1	4	4	6	
November	1°6	1°8		0°470	°250	8th	5	0	0	0				6	5	34	0	0	0	8	0	7	
December	1°9	1°8		0°000	°000	—	0	0	0	0				5	11	25	0	0	0	4	0	17	
Year -	3°1	2°7		104°170	—	—	105	0	0	12				27	111	298	63	66	25	41	13	86	

HONG KONG.

1872.				ins.	ins.																	
January -	2°1	1°4		0°050	°050	4th	1	0	0	0				3	0	40	0	0	0	9	1	9
February -	1°8	1°8		0°810	°400	5th	3	0	0	0				1	1	36	0	0	0	6	2	12
March -	2°4	2°1		0°290	°160	15th	3	0	0	1				1	0	45	0	0	0	4	1	11
April -	4°1	3°2		1°030	°710	9th	4	0	0	0				0	1	40	7	0	10	0	0	2
May -	7°6	6°0		8°690	1°950	30th	19	0	0	9				0	39	2	12	0	9	0	0	0
June -	6°3	5°8		21°190	5°700	1, 17	22	0	0	2				0	13	7	7	0	33	0	0	0
July -	5°0	4°4		17°890	2°700	3rd	19	0	0	7				3	1	26	12	0	15	0	3	2
August -	5°1	3°2		12°300	3°000	5th	14	0	0	4				2	22	0	2	1	29	0	4	2
September -	4°4	3°1		10°290	7°000	16th	12	0	0	2				4	15	22	0	3	11	0	1	4
October -	5°8	3°9		9°800	3°500	6th	8	0	0	0				0	23	21	3	0	0	0	10	5
November -	2°6	0°6		0°070	°070	9th	1	0	0	0				8	21	25	0	0	2	0	3	1
December -	2°6	1°4		0°360	°220	31st	3	0	0	0				1	38	9	0	0	0	0	0	14
Year -	4°2	3°1		82°770	—	—	109	0	0	25				23	174	273	43	4	109	19	25	62

HONG KONG.

1873.				ins.	ins.																	
January -	1°8	0°8		0°760	°360	7th	5	0	0	0				2	29	5	2	0	7	6	6	5
February -	3°6	1°1		0°070	°070	15th	1	0	0	0				3	34	11	1	0	1	0	0	6
March -	6°8	3°4		0°290	°200	16th	4	0	0	0				5	28	19	0	0	0	0	2	8
April -	6°3	4°1		2°590	1°250	12th	8	0	0	1				4	14	19	0	2	2	1	3	15
May -	6°8	4°0		17°300	3°550	14th	15	0	0	8				0	2	15	0	2	22	2	4	15
June -	5°3	3°6		11°200	2°200	1st	14	0	0	1				0	0	27	0	11	8	0	0	14
July -	5°8	5°0		27°630	7°100	17th	18	0	0	6				0	0	26	3	2	15	2	0	14
August -	6°4	4°9		17°040	3°200	5th	18	0	0	4				0	5	23	1	0	17	0	0	16
September -	5°5	5°2		17°900	3°700	22nd	15	0	0	1				1	15	9	3	0	9	8	4	11
October -	3°8	3°1		0°780	°290	19th	6	0	0	0				6	28	22	0	0	2	0	1	3
November -	4°7	3°3		0°890	°800	18th	3	0	0	0				3	33	24	0	0	0	0	0	0
December -	4°2	3°8		0°750	°330	30th	4	0	0	0				1	10	42	5	0	3	0	0	1
Year -	5°1	3°5		97°200	—	—	111	0	0	21				25	198	242	15	17	86	19	20	108

HONG KONG.

1874.				ins.	ins.																	
January -	6°5	5°5		0°300	°220	30th	4	0	0	0				5	8	33	1	0	4	1	10	0
February -	7°1	6°2		2°060	°700	9th	7	0	0	1				6	11	25	6	2	1	2	2	1
March -	8°7	7°6		4°410	2°760	22nd	10	0	0	2				3	6	31	10	0	2	5	4	1
April -	6°5	5°3		7°070	2°680	16th	12	0	0	1				0	13	32	2	1	4	3	2	3
May -	9°0	9°1		39°760	8°750	9th	24	0	0	6				0	0	19	11	7	16	5	0	4
June -	6°3	5°7		10°540	2°480	26th	13	0	0	0				0	2	10	9	11	17	8	0	3
July -	5°9	5°1		9°870	3°100	8th	16	0	0	3				0	1	12	3	3	23	18	0	2
August -	6°9	7°2		11°680	3°580	10th	18	0	0	2				0	6	11	11	7	13	6	0	8
September -	5°5	4°9		—	—	—	15	0	0	2				2	3	16	12	6	8	8	2	3
October -	5°7	3°0		4°200	3°950	18th	4	0	0	0				7	8	37	2	0	1	1	1	5
November -	4°0	3°0		0°110	°090	24th	2	0	0	0				7	13	24	0	0	1	3	3	9
December -	5°0	4°0		0°190	°110	24th	2	0	0	0				1	10	41	0	0	0	2	1	7
Year -	6°4	5°6		—	—	—	127	0	0	17				31	81	291	67	37	90	62	25	46



## HONG KONG (A.M.D.).

Long. 114° 10' E. Lat. 22° 16' N. Height above Mean Sea Level, 43 feet till June 1877, then 18 feet.

1875.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	30°170	30°094	56°1	60°7	57°6	52°9	62°3	43°6	22nd	68°4	9th	350	375		76	70		
February -	123	050	59°7	63°9	61°4	56°2	66°6	48°1	12th	73°8	10th	431	452		83	75		
March -	30°074	30°006	66°9	70°9	68°2	61°7	74°7	48°2	3rd	85°4	12, 26	560	599		83	77		
April -	29°989	29°928	71°4	74°7	72°3	66°4	78°2	58°6	1st	89°5	24th	614	632		77	72		
May -	935	875	81°1	85°7	82°5	74°9	90°0	66°3	1st	101°5	20th	833	863		78	69		
June -	824	786	85°2	87°4	85°8	79°9	91°7	74°0	9th, 10th	100°0	24th	912	908		75	69		
July -	732	701	85°6	88°3	86°4	80°6	92°1	75°5	24th	99°0	6th	958	989		78	74		
August -	748	704	86°6	91°2	87°4	79°5	95°3	76°2	25th	100°2	11th	897	882		70	60		
September	830	783	82°3	85°2	82°9	77°4	88°4	74°0	15th	94°8	10th	851	841		77	69		
October -	29°946	29°878	77°9	80°6	78°3	72°8	83°8	67°2	12th	92°5	3rd	653	664		67	62		
November	30°119	30°036	70°2	73°7	70°9	65°6	76°1	61°2	14th	80°5	14th	522	527		70	63		
December	30°186	30°103	57°9	62°4	58°9	53°2	64°6	40°5	19th	71°3	10th	372	409		76	72		
Year -	29°973	29°912	73°4	77°1	74°4	68°4	80°3	—	—	—	—	663	678		75°8	69°3		

## HONG KONG (A.M.D.).

1876.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°190	30°093	56°2	60°5	57°8	53°2	62°3	39°0	27th	70°7	6th	392	412		84	77	
February -	084	001	58°8	61°5	60°5	56°0	64°9	50°6	22nd	76°1	18th	439	448		88	81	
March -	30°009	29°937	62°4	64°3	63°3	59°2	67°3	54°1	16th	77°7	26th	515	537		91	87	
April -	29°899	822	70°8	73°6	71°5	66°2	76°7	58°9	4th	89°4	27th	674	705		88	84	
May -	812	743	77°4	80°1	78°2	73°0	83°3	68°9	19th	90°5	26th	825	856		87	83	
June -	740	683	83°9	86°5	84°6	79°4	89°8	75°6	27, 28	95°9	26th	986	990		84	77	
July -	649	601	82°6	85°4	83°6	77°9	89°3	75°8	3rd	96°5	28th	921	928		82	75	
August -	686	637	81°5	84°3	82°9	77°4	88°4	74°1	26th	95°1	13th	954	968		89	82	
September -	29°835	762	81°4	84°6	82°1	76°0	88°2	73°5	17th	95°9	8th	805	843		74	70	
October -	30°018	923	77°3	80°2	77°2	71°1	83°2	65°0	11th	88°6	19th	687	680		73	65	
November -	077	29°963	69°5	72°0	69°2	63°9	74°4	57°0	20th	82°9	17th	556	572		76	72	
December -	30°160	30°058	61°8	66°0	62°5	57°3	67°7	48°8	25th	72°2	16th	451	486		81	76	
Year -	29°930	29°852	72°0	74°9	72°8	67°6	78°0	—	—	—	—	684	702		83°1	77°4	

## HONG KONG (A.M.D.).

1877.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°227	30°122	61°3	66°0	62°8	57°3	68°2	50°5	7th	77°2	20th	463	500		85	78	
February -	161	075	58°1	60°0	59°0	54°7	63°3	42°9	19th	74°5	6th	444	463		88	88	
March -	30°080	30°005	63°4	65°8	63°8	58°5	69°0	50°1	5th	79°5	9th	473	523		82	82	
April -	29°976	29°904	71°0	74°1	71°5	67°3	75°6	61°1	19th	84°8	13th	697	728		90	86	
May -	810	751	78°8	79°6	79°0	74°2	83°7	70°2	5th	91°0	31st	901	936		92	93	
June -	800	734	84°5	86°7	84°2	77°7	90°7	73°0	2nd	96°3	27th	931	963		78	74	
July -	739	684	83°6	86°9	84°9	78°4	91°4	75°0	6th	97°2	4th	905	905		79	70	
August -	696	625	84°5	87°3	85°7	79°3	92°0	76°4	21st	98°5	7th	912	903		76	70	
September -	29°942	867	82°1	85°4	83°1	77°0	89°2	73°6	26th	95°2	20th	845	841		78	67	
October -	30°076	29°979	77°1	80°1	77°5	71°8	83°2	61°9	26th	90°0	10th	619	631		66	60	
November -	144	30°037	72°6	74°9	73°2	68°7	77°7	59°0	28th	86°2	10th	664	661		83	75	
December -	30°130	30°021	65°4	68°3	66°0	61°7	70°3	49°0	22nd	78°8	13th	572	598		89	84	
Year -	29°982	29°900	73°5	76°3	74°2	68°9	79°5	—	—	—	—	702	721		82°2	77°3	

## HONG KONG (A.M.D.).

1878.	ins.	ins.										in.	in.	in.	%	%	%
January -	30°239	30°135	54°4	57°3	55°5	51°1	59°9	42°0	20th	76°8	1st, 2nd	362	387		81	79	
February -	206	108	55°9	57°9	56°9	52°7	61°1	44°2	6th, 7th	72°1	27th	408	411		90	85	
March -	162	085	62°6	65°7	63°8	59°1	68°5	51°8	3rd	82°4	26th	461	479		80	74	
April -	30°031	29°940	74°3	77°5	75°3	69°3	81°3	60°0	1st	92°0	20th	679	696		79	73	
May -	29°867	791	80°5	82°7	81°1	76°0	86°2	66°5	3rd	94°6	28th	823	852		80	75	
June -	782	717	82°9	84°7	83°4	78°6	88°2	74°2	22nd	93°8	25th	875	911		78	75	
July -	826	762	86°0	89°4	86°9	80°1	93°6	75°5	29th	97°8	10th	914	894		73	64	
August -	844	791	83°0	86°9	84°3	77°8	90°7	73°6	13th	97°2	21st	931	922		81	72	
September -	802	730	83°7	88°9	85°4	78°3	92°5	70°4	11th	98°1	21st	827	842		71	60	
October -	29°956	29°870	79°4	81°5	79°8	75°3	84°2	68°1	30th	92°8	6th	787	825		77	76	
November -	30°092	30°000	72°4	76°0	72°5	67°0	77°9	57°0	29th	86°8	7th	544	552		66	58	
December -	30°139	30°037	64°1	66°9	63°8	58°5	69°0	40°5	27th	81°2	5th	478	501		75	72	
Year -	29°996	29°914	73°3	76°3	74°1	68°7	79°4	—	—	—	—	674	689		77°6	71°9	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

HONG KONG.

1875.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	6.1	5.5		ins. 3.460	ins. .820	15th	12	0	0	0				5	20	14	1	0	0	5	10	7		
February -	7.8	6.2		0.370	.260	26th	4	0	0	0				2	13	30	1	0	0	3	3	4		
March -	7.3	6.3		2.980	.020	29th	6	0	0	1				2	5	33	5	0	0	6	1	10		
April -	7.1	7.4		6.740	1.770	15th	12	0	0	2				0	8	32	2	1	0	2	7	8		
May -	6.9	6.0		14.400	7.920	31st	8	0	0	3				0	0	31	1	0	3	18	3	6		
June -	7.2	6.7		14.570	4.920	10th	21	0	0	3				0	0	22	6	7	6	18	0	1		
July -	7.5	6.9		18.360	4.500	22nd	19	0	0	5				0	0	26	3	5	10	18	0	0		
August -	3.7	4.4		2.500	1.050	31st	8	0	0	5				0	2	13	3	6	11	13	0	14		
September	6.7	6.3		14.060	4.150	17th	16	0	0	3				0	6	42	0	1	3	0	0	8		
October -	4.5	3.6		4.240	1.240	1st	11	0	0	0				7	10	37	0	1	2	1	0	4		
November	3.7	3.7		0.350	.350	30th	1	0	0	0				3	11	40	0	0	1	0	0	5		
December	3.7	3.3		2.940	1.400	26th	6	0	0	0				12	18	23	1	0	1	2	3	2		
Year -	6.0	5.5		84.970	—	—	124	0	0	22				31	93	343	23	21	37	86	27	69		

HONG KONG.

				ins.	ins.																	
1876.																						
January -	6.4	5.3		1.200	.980	24th	3	0	0	0				9	13	27	1	1	3	3	4	1
February -	8.3	8.1		0.230	.100	17th	5	0	0	0				2	3	38	7	0	2	6	0	0
March -	9.7	9.2		11.070	2.760	24th	22	0	0	9				2	8	44	4	0	1	2	0	1
April -	7.6	7.1		5.320	1.360	6th	11	0	0	3				0	10	39	6	0	2	3	0	0
May -	7.2	6.1		11.020	3.250	15th	16	0	0	2				0	4	32	15	0	5	0	3	3
June -	8.6	7.8		7.230	2.440	26th	17	0	0	0				0	1	5	6	13	33	1	0	1
July -	8.5	8.6		22.510	5.000	19th	23	0	0	3				0	0	5	20	11	18	0	0	8
August -	8.0	7.9		34.350	5.800	5th	23	0	0	1				0	3	11	12	5	25	1	3	2
September -	6.0	6.1		6.000	1.500	25th	11	0	0	3				0	15	31	3	0	6	1	1	3
October -	4.7	4.3		1.170	.410	24th	5	0	0	0				1	13	36	1	1	6	0	2	2
November -	5.1	4.5		1.340	.760	19th	5	0	0	0				2	26	22	0	0	2	1	4	3
December -	4.0	3.7		4.080	1.350	1st	5	0	0	0				6	17	22	1	0	2	3	6	5
Year -	7.0	6.6		105.520	—	—	146	0	0	21				22	113	312	76	31	105	21	23	29

HONG KONG.

				ins.	ins.																	
1877.																						
January -	4.5	3.9		0.020	.020	28th	1	0	0	0				2	31	18	3	0	0	3	2	3
February -	8.0	8.1		1.850	.550	13th	11	0	0	0				7	12	22	6	0	2	1	4	2
March -	7.8	7.7		1.100	.550	26th	5	0	0	0				1	23	21	1	0	1	4	2	9
April -	9.0	7.8		11.960	4.340	21st	11	0	0	8				2	28	8	2	3	5	0	1	11
May -	8.3	8.0		5.750	1.090	12th	13	0	0	4				4	23	10	15	0	3	1	1	5
June -	5.6	5.7		10.360	7.420	17th	13	0	0	1				3	7	9	16	13	5	3	0	4
July -	7.2	6.8		14.560	2.150	1st	23	0	0	5				0	5	11	8	6	8	8	1	15
August -	5.4	6.1		14.820	3.650	18th	14	0	0	1				0	1	18	3	2	11	7	0	20
September -	6.0	6.7		14.240	4.750	3rd	11	0	0	1				0	4	12	9	9	8	0	1	17
October -	4.7	4.9		1.520	1.250	6th	4	0	0	0				2	17	33	5	0	0	0	0	5
November -	6.9	5.6		0.730	.260	30th	5	0	0	0				0	13	35	0	0	0	2	1	9
December -	8.6	8.2		1.470	.360	6th	10	0	0	0				0	6	27	3	0	0	7	0	19
Year -	6.8	6.6		78.380	—	—	121	0	0	20				21	170	224	71	33	43	36	13	119

HONG KONG.

				ins.	ins.																	
1878.																						
January -	8.4	7.6		1.740	1.140	2nd	5	0	0	1				2	6	16	0	0	1	13	8	16
February -	9.5	9.1		2.960	.670	25th	14	0	0	0				0	7	28	0	0	0	4	1	16
March -	8.8	7.5		5.570	1.250	4th	10	0	0	3				0	6	38	1	0	0	2	0	15
April -	6.4	5.7		3.140	1.900	12th	7	0	0	3				0	8	32	2	2	0	2	0	14
May -	7.8	7.9		20.580	14.110	21st	11	0	0	5				0	3	25	2	6	5	10	1	10
June -	8.2	7.6		15.690	3.460	17th	18	0	0	4				0	0	18	0	0	0	20	0	22
July -	5.6	5.8		5.780	1.910	15th	11	0	0	5				2	0	16	0	4	0	16	0	24
August -	7.5	6.8		16.310	3.700	21st	16	0	0	1				0	0	10	0	3	0	27	0	22
September -	5.2	5.6		1.950	.870	14th	5	0	0	1				5	0	20	0	5	0	21	0	9
October -	7.0	7.0		16.180	3.300	8th	13	0	0	0				6	0	52	0	0	0	0	0	4
November -	4.8	5.5		0.000	.000	—	0	0	0	0				7	0	40	0	0	0	0	0	13
December -	6.6	6.5		0.040	.040	14th	1	0	0	0				19	0	31	0	0	0	1	0	11
Year -	7.2	6.9		89.940	—	—	111	0	0	23				41	30	326	5	20	6	116	10	176



## HONG KONG (A.M.D.).

Long. 114° 10' E. Lat. 22° 16' N. Height above Mean Sea Level, 18 feet.

1879.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins.	ins.										in.	in.	in.	%	%	%	
February -	30°185	30°072	60°1	63°7	60°4	55°0	65°8	43°0	1st	74°2	22nd	°398	°433		75	71		
March -	°130	30°007	61°8	67°3	63°2	56°8	69°5	49°6	10th	80°1	18th	°419	°474		75	69		
April -	30°097	29°982	62°4	65°6	63°4	57°9	68°8	46°2	6th	84°3	31st	°450	°495		78	76		
May -	29°981	°896	70°7	74°6	72°9	67°9	77°8	60°0	12th	88°0	24th	°629	°671		82	78		
June -	°854	°775	82°7	84°0	82°7	76°8	88°6	72°3	12th	95°6	23rd	°861	°903		77	78		
July -	°805	°749	82°7	84°5	82°7	77°3	88°0	69°2	3rd	93°2	22nd	°879	°945		78	79		
August -	°758	°709	83°2	87°2	84°0	77°8	90°2	73°5	29th	95°6	17th	°904	1°016		79	80		
September -	°798	°737	83°3	87°7	84°5	78°0	90°9	75°3	6th	96°0	25th	°883	°960		77	73		
October -	29°805	°728	82°2	86°0	82°6	77°1	88°0	74°7	9th	94°3	6th	°840	°942		75	73		
November -	30°016	°933	79°2	81°4	79°4	74°7	84°1	69°8	20th	92°4	1st	°725	°759		72	70		
December -	°036	29°935	70°1	72°9	70°3	65°6	75°0	54°3	11th	83°8	20th	°538	°585		71	71		
	30°129	30°021	64°4	66°9	64°1	58°5	69°7	49°3	31st	77°0	4th	°421	°457		67	68		
Year -	29°966	29°879	73°6	76°8	74°2	68°6	79°7	—	—	—	—	°662	°720		75°5	73°8		

## HONG KONG (A.M.D.).

1880.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.190	30.082	57.9	60.9	58.9	54.4	63.4	44.6	27th	71.0	9th	.362	.365		74	74	
February -	.086	29.998	59.7	60.7	60.0	57.1	62.8	50.0	22nd	69.8	3rd	.456	.451		89	85	
March -	.125	30.009	65.8	69.4	65.7	60.4	70.9	51.5	3rd	83.2	19th	.504	.504		78	69	
April -	30.011	29.926	70.8	73.3	70.6	66.1	75.0	60.3	23rd	85.2	28th	.641	.686		84	82	
May -	29.861	.792	78.3	79.9	78.2	74.4	82.0	67.0	2nd	88.9	13th	.916	.970		94	94	
June -	.761	.715	82.0	83.0	81.7	77.3	86.0	73.5	12, 22	90.5	19th	.917	.931		84	82	
July -	.704	.660	83.1	86.0	83.6	78.9	88.2	76.0	11, 27	92.0	5th, 16th	.909	.908		81	72	
August -	.714	.664	83.0	85.2	83.2	78.7	87.7	75.0	17th	93.0	23rd	.926	.933		82	76	
September -	.836	.770	83.0	84.7	82.4	77.6	87.2	69.5	28th	94.5	14th	.890	.907		79	75	
October -	29.965	29.883	79.0	80.8	78.5	74.1	82.9	69.5	20th	89.0	3rd	.725	.758		73	73	
November -	30.185	30.087	69.3	72.6	68.5	63.1	73.9	55.0	30th	81.0	3rd, 6th	.474	.526		66	66	
December -	30.245	30.154	60.7	63.6	60.8	56.5	65.1	46.0	28th	75.0	3rd, 14th	.419	.452		79	77	
Year -	29.974	29.895	72.7	75.0	72.7	68.2	77.1	—	—	—	—	.678	.699		80.3	77.1	

## HONG KONG (A.M.D.).

1881.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.234	30.138	60.2	64.7	60.4	54.7	66.0	49.0	8th	74.0	28th	.346	.350		66	56	
February -	.119	.022	64.7	67.4	65.3	61.1	69.5	54.5	5th	79.5	25th	.513	.528		84	79	
March -	30.163	30.086	61.2	63.8	61.1	56.5	65.6	43.5	14th	73.0	25th	.420	.436		78	71	
April -	29.938	29.869	72.4	73.8	72.0	68.0	75.9	57.5	15th	84.0	26th	.693	.695		86	82	
May -	.895	.826	79.6	81.8	79.6	75.1	84.1	67.0	10th	91.0	21, 22	.809	.787		79	72	
June -	.792	.735	83.1	85.0	82.3	77.3	87.2	68.0	1st	93.5	24th	.855	.843		76	69	
July -	.696	.653	83.2	84.6	83.1	78.7	87.4	76.0	22, 23	93.0	7th	.943	.950		83	80	
August -	.699	.642	83.2	84.5	82.5	77.6	87.4	73.0	11th	93.0	28th	.901	.888		79	74	
September -	.827	.756	82.7	84.5	81.9	77.2	86.5	74.0	2nd, 26th	90.5	7th, 16th	.833	.834		74	70	
October -	29.917	.817	77.5	80.0	77.2	73.0	81.4	65.0	30th	88.0	12, 13	.712	.738		75	71	
November -	30.066	29.983	71.5	72.9	71.2	67.7	74.7	58.0	23rd	80.0	3rd, 6th	.666	.675		87	83	
December -	30.164	30.065	63.6	66.4	63.9	60.1	67.7	49.5	20th	77.0	2nd	.510	.524		87	82	
Year -	29.959	29.883	73.6	75.8	73.4	68.9	77.8	—	—	—	—	.683	.687		79.5	74.1	

## HONG KONG (A.M.D.).

1882.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.211	30.111	61.1	64.7	61.3	56.5	66.1	43.0	9th	75.5	25th	.450	.474		83	78	
February -	.183	.095	58.6	61.8	59.0	54.4	63.6	47.0	5, 6, 23	73.5	16, 17	.399	.425		81	78	
March -	30.138	30.043	62.9	65.9	63.0	58.3	67.7	51.0	6th	80.0	19th	.472	.504		82	79	
April -	29.967	29.879	71.8	74.7	71.9	67.2	76.6	56.0	6th	85.0	29th	.655	.669		85	77	
May -	.836	.764	78.7	80.0	78.2	73.5	82.8	66.5	1st	90.0	13th	.828	.802		84	78	
June -	.747	.689	83.3	84.4	82.8	78.3	87.2	72.0	1st	92.0	26th	.926	.919		82	77	
July -	.692	.634	84.7	85.8	83.8	78.7	88.9	74.5	11th	95.0	31st	.927	.927		77	75	
August -	.691	.641	82.3	84.4	81.8	76.7	86.9	73.5	4th, 5th	92.0	1st	.930	.933		84	78	
September -	.835	.759	83.0	85.1	82.2	77.5	86.8	75.0	5th	92.0	11th	.911	.942		81	78	
October -	29.964	29.875	79.9	82.3	79.1	74.4	83.7	71.5	29th	91.0	7th	.732	.728		71	66	
November -	30.112	30.014	70.0	72.9	69.9	65.4	74.3	51.5	27th	83.0	1st	.482	.503		66	62	
December -	30.164	30.057	62.1	66.3	62.3	56.9	67.6	41.5	22nd	78.0	5th	.353	.367		64	57	
Year -	29.962	29.880	73.2	75.7	73.0	68.2	77.7	—	—	—	—	.672	.683		78.3	73.6	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

HONG KONG.

1879.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	6.2	6.5		ins.	ins.	14th	6	0	0	0				6	0	30	0	0	0	4	0	22		
February -	5.0	5.1		2.100	1.530	26th	4	0	0	3				6	0	33	0	0	0	5	0	12		
March -	6.2	7.1		4.610	1.770	1st	10	0	0	2				8	26	11	1	1	1	2	1	11		
April -	7.7	6.9		5.890	2.070	18th	8	0	0	2				4	19	9	2	1	9	4	1	11		
May -	7.2	7.2		5.390	2.280	11th	10	0	0	4				0	7	6	3	9	6	15	2	14		
June -	7.7	8.2		12.260	2.820	23rd	16	0	0	2				0	11	11	8	6	7	4	0	13		
July -	6.6	6.4		18.430	2.730	3rd	21	0	0	1				0	5	5	0	9	7	11	0	25		
August -	6.1	6.4		16.430	4.280	5th	15	0	0	1				0	7	9	6	8	4	11	1	16		
September -	7.2	7.3		19.250	6.450	14th	15	0	0	4				1	28	0	3	1	5	4	6	12		
October -	5.7	5.5		4.560	1.300	12th	11	0	0	0				9	26	19	1	0	0	1	0	6		
November -	5.6	6.1		1.860	.700	21st	6	0	0	0				3	31	5	3	0	0	5	4	9		
December -	3.8	4.3		0.050	.050	31st	1	0	0	0				5	34	7	0	0	0	4	2	10		
Year -	6.3	6.4		91.610	—	—	123	0	0	19				42	194	145	27	35	39	70	17	161		

HONG KONG.

1880.				ins.	ins.																	
January -	7.3	6.5		2.380	.950	25th	10	0	0	0				3	20	13	0	0	0	5	8	13
February -	9.7	9.1		1.910	.460	15th	17	0	0	1				4	9	28	0	0	0	2	9	6
March -	4.3	4.1		0.240	.170	1st	4	0	0	0				0	23	21	0	0	2	3	1	12
April -	7.0	6.6		3.620	1.250	28th	11	0	0	0				0	22	16	4	0	0	1	4	13
May -	8.5	7.6		15.580	2.760	18th	18	0	0	0				2	28	8	4	0	2	4	0	14
June -	8.2	8.2		27.850	3.000	7th	25	0	0	3				2	12	12	8	0	22	0	0	4
July -	7.0	6.3		12.030	3.330	26th	20	0	0	0				0	7	10	13	2	18	0	0	12
August -	7.5	6.7		11.560	2.250	16th	24	0	0	2				0	2	13	1	8	17	2	0	19
September -	6.1	6.8		17.160	5.500	17th	16	0	0	0				3	11	19	0	0	15	0	0	12
October -	4.3	5.6		15.610	6.400	15th	11	0	0	1				10	11	28	0	1	1	1	3	7
November -	1.4	1.5		0.000	.000	—	0	0	0	0				5	14	23	3	1	0	2	0	12
December -	6.1	5.3		1.140	.380	7, 16	4	0	0	0				8	10	33	0	0	0	1	2	8
Year -	6.5	6.2		109.080	—	—	160	0	0	7				37	169	224	33	12	77	21	27	132

HONG KONG.

1881.				ins.	ins.																	
January -	2.7	1.7		0.000	.000	—	0	0	0	0				2	3	38	0	0	0	3	2	14
February -	8.5	7.7		0.210	.060	4th	5	0	0	0				0	0	37	4	0	1	5	0	9
March -	8.0	7.3		2.020	.460	1st	14	0	0	1				3	8	36	0	1	0	4	5	5
April -	9.3	9.2		14.500	8.950	10th	16	0	0	3				0	2	34	5	1	7	5	1	5
May -	7.9	7.1		4.500	1.340	16th	11	0	0	1				0	0	22	9	5	15	4	0	7
June -	7.1	5.7		6.910	2.050	5th	13	0	0	2				0	0	16	12	8	17	2	0	5
July -	8.0	7.7		23.380	4.520	21st	26	0	0	4				0	0	2	21	14	13	2	0	10
August -	6.7	6.5		27.380	5.270	22nd	19	0	0	3				0	0	11	11	2	11	7	1	19
September -	5.5	5.2		6.090	1.450	21st	11	0	0	1				2	9	18	5	4	9	3	1	9
October -	5.5	5.4		10.430	5.100	14th	9	0	0	0				10	17	20	0	2	0	3	7	3
November -	7.4	6.7		2.430	1.170	12th	15	0	0	0				2	5	38	8	1	0	0	0	6
December -	7.6	6.4		1.100	.440	2nd	16	0	0	0				8	12	20	4	0	0	6	1	11
Year -	7.0	6.4		98.950	—	—	155	0	0	15				27	56	292	79	38	73	44	18	103

HONG KONG.

1882.				ins.	ins.																	
January -	5.5	4.6		0.460	.170	5, 6	5	0	0	0				3	3	34	4	0	0	1	7	10
February -	6.8	6.4		1.000	.490	17th	7	0	0	0				5	11	21	1	0	0	3	7	8
March -	7.4	6.8		0.640	.200	26th	11	0	0	1				4	7	22	8	0	2	4	5	10
April -	7.7	6.5		4.130	1.850	29th	10	0	0	1				1	2	23	17	0	7	1	1	8
May -	8.5	7.2		14.680	3.910	16th	20	0	0	3				0	0	20	12	3	9	8	1	9
June -	7.4	6.8		10.550	5.390	15th	21	0	0	0				0	0	16	11	6	11	8	1	7
July -	7.3	6.9		17.090	5.560	17th	21	0	0	1				1	1	17	10	10	4	10	0	9
August -	6.6	6.3		17.530	2.290	11th	16	0	0	2				1	0	14	1	8	16	13	0	9
September -	5.2	4.6		5.400	1.270	4th	15	0	0	1				2	2	37	1	0	6	6	2	4
October -	4.1	2.8		1.290	1.230	11th	2	0	0	1				0	1	50	1	0	1	3	1	5
November -	6.8	6.0		0.500	.180	23rd	6	0	0	0				3	15	20	4	0	0	5	6	7
December -	5.9	4.2		0.090	.040	20th	3	0	0	0				5	11	20	4	0	1	4	6	11
Year -	6.6	5.8		73.360	—	—	137	0	0	10				25	53	294	74	27	57	66	37	97



## HONG KONG (A.M.D.).

Long. 114° 10' E. Lat. 22° 16' N. Height above Mean Sea Level, 18 feet.

1883.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
January -	ins.	ins.										in.	in.	in.	%	%	%
February -	30.177	30.081	58.6	62.8	59.5	54.1	64.8	44.5	7th	72.5	13th	.373	.382		72	64	
March -	.144	30.049	58.7	61.8	59.1	54.4	63.8	43.5	3rd	77.0	21st	.405	.417		79	74	
April -	30.042	29.951	62.2	64.0	62.2	58.1	66.2	53.0	14, 16	76.0	19th	.474	.467		83	76	
May -	29.918	.848	72.4	74.3	71.9	67.1	76.7	60.5	8th	91.0	30th	.684	.688		85	80	
June -	.833	.775	80.0	81.8	79.6	75.0	84.2	69.0	6th	90.5	29, 30, 31	.848	.843		83	78	
July -	.786	.723	83.9	84.9	81.5	76.2	86.8	71.0	3rd	93.0	28th	.832	.822		70	67	
August -	.697	.634	84.7	86.0	83.1	77.4	88.8	73.0	31st	93.5	11th	.917	.880		76	72	
September -	.694	.641	83.2	84.3	82.2	76.4	87.9	74.0	1st, 28th	92.5	10th	.889	.850		79	72	
October -	29.849	.765	81.2	83.2	79.9	74.8	84.9	72.0	30th	88.5	5th, 8th	.809	.791		76	69	
November -	30.031	.938	77.8	79.9	76.7	72.1	81.3	68.5	31st	84.5	1, 6, 8	.660	.661		69	63	
December -	.091	29.987	69.9	72.9	69.7	65.3	74.0	58.5	23rd	81.5	10th	.554	.568		74	70	
	30.259	30.152	61.8	65.2	61.4	56.5	66.3	47.5	15th	73.0	1st	.386	.388		65	61	
Year -	29.960	29.879	72.9	75.1	72.2	67.3	77.1	—	—	—	—	.653	.646		75.9	70.5	

## HONG KONG (A.M.D.).

1884.	ins.	ins.	62.4	65.1	62.0	57.1	66.8	45.5	9th	74.0	26th	in.	in.	in.	%	%	%
January -	30.229	30.127	62.4	65.1	62.0	57.1	66.8	45.5	9th	74.0	26th	.457	.470		80	75	
February -	.204	30.117	57.6	60.4	57.3	52.4	62.1	41.0	7th	70.0	28th	.377	.386		78	72	
March -	30.052	29.960	63.0	66.0	63.0	58.0	68.0	53.5	9th	79.0	27th	.500	.526		85	81	
April -	29.974	.901	68.7	70.4	68.0	62.6	73.3	53.5	2nd	85.0	22, 26	.596	.595		83	78	
May -	.850	.785	76.0	77.3	74.9	69.6	80.2	61.5	13th	86.0	8th, 17th	.745	.740		82	78	
June -	.781	.730	80.6	82.1	79.5	74.1	84.9	70.0	1st	90.0	27th	.842	.851		81	78	
July -	.708	.636	83.8	84.3	80.9	76.2	85.5	74.0	3rd	92.0	20th	.897	.860		77	75	
August -	.754	.688	83.0	85.1	81.6	75.6	87.5	73.0	24, 27	92.0	9th	.881	.901		78	73	
September -	29.820	.762	82.5	84.2	80.2	74.0	86.4	71.0	23, 24, 25	90.0	5th, 7th	.819	.829		73	68	
October -	30.049	29.979	78.5	80.2	76.2	70.6	81.8	64.0	22nd	88.0	6th	.688	.704		69	66	
November -	.126	30.042	68.3	71.0	66.4	59.8	73.0	48.0	2nd	83.0	2nd	.517	.521		70	65	
December -	30.244	30.152	60.5	63.0	58.2	51.6	64.7	45.0	20th	71.0	3rd	.335	.375		62	64	
Year -	29.983	29.907	72.1	74.1	70.7	65.1	76.2	—	—	—	—	.638	.647		76.5	72.8	

## HONG KONG (A.M.D.).

1885.	ins.	ins.	58.5	61.3	57.9	52.1	63.6	42.0	19th	73.0	24th	in.	in.	in.	%	%	%
January -	30.217	30.134	58.5	61.3	57.9	52.1	63.6	42.0	19th	73.0	24th	.391	.406		78	74	
February -	.158	.070	54.8	57.0	53.9	48.7	59.0	42.0	25th	71.0	6th	.362	.375		84	79	
March -	30.108	30.029	61.7	63.9	60.4	53.5	67.2	45.0	13th	79.0	21st	.468	.474		83	78	
April -	29.956	29.872	72.6	74.8	70.8	64.9	76.7	59.0	1st	83.0	5, 17, 27	.670	.692		84	80	
May -	.868	.794	79.2	80.3	79.1	75.3	82.9	63.0	1st	90.0	27, 28	.805	.822		81	80	
June -	.768	.706	83.3	84.5	82.1	76.9	87.3	72.0	12th	92.0	26, 29	.892	.869		78	72	
July -	.714	.663	83.7	84.2	82.2	77.5	86.8	74.0	31st	92.0	19th	.899	.897		77	76	
August -	.719	.652	82.6	83.5	81.5	77.1	85.9	73.0	24th	93.0	24th	.892	.889		80	77	
September -	29.858	.785	81.2	83.0	81.0	75.8	86.1	71.0	17th	92.0	26th	.796	.822		74	72	
October -	30.027	29.946	77.9	79.5	76.2	71.1	81.2	62.0	26th	88.0	5, 6, 7	.669	.667		69	65	
November -	30.184	30.075	70.1	72.9	69.7	63.6	75.7	56.0	12, 25, 28	83.0	3rd, 10th	.478	.513		63	62	
December -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

## HONG KONG (A.M.D.).

1886.	ins.	ins.	59.2	62.7	60.5	54.4	66.5	42.0	31st	78.0	12th	in.	in.	in.	%	%	%
January -	30.161	30.062	59.2	62.7	60.5	54.4	66.5	42.0	31st	78.0	12th	.377	.389		73	67	
February -	.190	30.082	55.0	56.7	56.3	51.7	60.9	45.0	1st	67.0	27th	.352	.351		80	75	
March -	30.070	29.982	63.8	67.4	64.9	59.1	70.6	52.0	26th	81.0	23rd	.521	.555		89	81	
April -	29.967	.888	72.7	74.4	71.7	67.0	76.4	61.0	21st	84.0	11th	.661	.676		83	79	
May -	.914	.830	79.3	81.1	78.7	73.1	84.3	65.0	7th	92.0	19th	.777	.752		76	71	
June -	.783	.719	83.0	83.9	81.7	76.7	86.7	66.0	13th	92.0	18th	.885	.864		78	74	
July -	.766	.720	83.7	84.5	82.6	77.5	87.7	72.0	18th	93.0	4, 6, 25	.895	.896		78	74	
August -	.737	.674	85.3	85.5	83.7	78.4	89.0	75.0	26th	94.0	8th	.909	.889		75	72	
September -	.848	.765	85.1	86.0	82.5	75.3	89.7	68.0	13th	94.0	18, 19	.732	.729		60	58	
October -	29.989	29.895	81.5	83.5	79.4	72.5	86.2	59.0	31st	92.0	12th	.719	.709		66	60	
November -	30.150	30.044	73.7	76.8	72.1	64.9	79.2	56.0	30th	85.0	10, 29	.484	.499		58	54	
December -	30.213	30.102	63.8	67.0	63.0	55.3	70.6	48.0	22, 28	77.0	5th, 6th	.341	.365		57	55	
Year -	29.982	29.897	72.8	75.8	73.1	67.2	79.0	—	—	—	—	.638	.640		72.8	68.3	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

HONG KONG.

1883.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	4.9	3.5		0.250	.110	29th	6	0	0	0				3	4	31	2	0	0	4	9	9	
February -	8.5	7.8		0.110	.050	1st	5	0	0	0				4	5	24	10	0	1	2	1	9	
March -	9.2	8.9		9.770	1.730	13, 25	18	0	0	2				0	0	42	7	0	0	2	0	11	
April -	8.8	7.9		5.230	3.570	9th	15	0	0	0				0	0	48	1	2	1	4	0	4	
May -	8.6	7.7		15.880	6.810	12th	20	0	0	7				0	0	25	12	4	10	7	0	4	
June -	5.9	5.4		11.280	1.930	2nd	11	0	0	1				1	8	14	8	5	4	16	0	4	
July -	6.4	5.8		16.200	3.340	12th	22	0	0	5				2	4	21	13	12	3	1	3	3	
August -	5.8	6.4		26.280	5.140	2nd	17	0	0	6				4	4	11	4	9	3	14	6	7	
September -	5.5	4.4		32.560	10.500	10th	16	0	0	6				0	14	21	5	6	8	1	1	4	
October -	4.7	4.0		0.512	.330	23rd	2	0	0	0				4	27	23	0	2	0	0	1	5	
November -	5.8	5.4		2.280	1.540	22nd	3	0	0	0				10	16	25	0	0	0	0	1	8	
December -	4.0	3.3		0.310	.220	28th	2	0	0	0				8	17	23	0	0	0	3	3	8	
Year -	6.5	5.9		120.662	—	—	137	0	0	27				36	99	308	62	40	30	54	25	76	

HONG KONG.

1884.				ins.	ins.																	
January -	5.5	4.8		0.000	0.000	—	0	0	0	0				1	25	28	0	0	0	1	1	6
February -	5.7	6.0		3.540	1.300	3rd	11	0	0	0				5	33	7	0	0	0	5	5	3
March -	9.4	8.2		5.670	1.850	6th	13	0	0	4				1	42	9	2	1	1	2	2	2
April -	8.3	7.6		5.180	0.950	12th	16	0	0	6				0	36	10	2	0	2	2	1	7
May -	8.3	8.0		9.930	3.440	1st	17	0	0	7				0	27	11	0	2	4	3	2	13
June -	4.7	4.2		12.550	1.800	20th	17	0	0	0				0	13	18	10	3	6	6	3	1
July -	2.6	2.8		14.930	3.900	20th	21	0	0	3				0	6	18	6	1	6	15	4	6
August -	3.1	2.6		10.650	2.800	15th	15	0	0	4				0	4	6	4	2	10	9	14	13
September -	3.4	3.3		16.210	11.400	10th	11	0	0	0				2	14	12	2	0	2	8	8	12
October -	3.0	3.1		4.180	2.100	1st	10	0	0	1				2	24	20	6	2	0	0	4	4
November -	3.2	3.0		1.580	0.800	14th	7	0	0	0				8	20	18	0	0	0	2	4	8
December -	2.3	2.5		0.000	0.000	—	0	0	0	0				4	24	14	0	0	0	2	6	12
Year -	5.0	4.7		84.420	—	—	138	0	0	25				23	268	171	32	11	31	55	54	87

HONG KONG.

1885.				ins.	ins.																	
January -	6.8	6.5		0.820	0.700	27th	4	0	0	0				2	36	12	0	0	0	5	1	6
February -	9.1	9.6		2.480	1.000	24th	9	0	0	0				4	26	12	0	0	0	5	3	6
March -	6.7	6.5		2.480	0.980	27th	8	0	0	3				3	36	12	0	0	0	3	1	7
April -	7.4	6.4		16.360	6.970	20th	10	0	0	4				1	34	7	9	0	0	3	3	3
May -	7.4	7.2		5.300	1.900	3rd	18	0	0	5				2	19	8	0	1	18	8	3	3
June -	7.2	7.2		33.490	13.730	12th	18	0	0	5				0	10	17	0	2	17	9	2	3
July -	6.6	6.7		15.920	3.100	28th	20	0	0	1				4	2	18	0	2	12	14	8	2
August -	8.1	7.8		30.940	9.300	25th	17	0	0	1				2	2	14	16	0	6	12	8	2
September -	6.0	6.7		5.260	1.800	6th	12	0	0	1				8	6	22	4	2	0	6	8	4
October -	5.7	5.7		2.100	1.250	8th	6	0	0	0				2	7	39	8	2	0	2	0	2
November -	6.0	5.1		0.810	0.580	3rd	3	0	0	0				6	28	14	6	1	0	1	2	2
December -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—

HONG KONG.

1886.				ins.	ins.																	
January -	5.7	5.2		1.800	1.220	28th	6	0	0	0				8	24	14	0	0	0	2	4	10
February -	8.9	8.5		1.420	0.850	5th	5	0	0	0				16	16	12	0	0	0	0	10	2
March -	7.7	7.3		1.800	0.980	14th	6	0	0	1				26	18	8	2	0	0	2	2	4
April -	7.1	6.5		5.810	1.780	24th	10	0	0	2				12	16	22	0	0	0	4	2	4
May -	6.1	4.7		3.490	2.800	31st	4	0	0	1				10	8	20	2	0	0	2	18	2
June -	6.8	6.6		10.360	1.560	4th	18	0	0	0				4	4	6	6	4	0	12	20	4
July -	7.7	6.5		30.680	16.400	15th	20	0	0	2				6	12	10	2	4	6	8	10	4
August -	6.1	5.8		11.620	5.800	26th	12	0	0	2				6	4	8	4	4	2	10	22	2
September -	4.3	4.0		5.480	2.800	23rd	5	0	0	2				6	6	14	0	2	6	2	16	8
October -	4.7	4.1		2.150	1.570	12th	5	0	0	0				4	20	20	6	0	0	2	6	4
November -	2.3	2.4		0.000	0.000	—	0	0	0	0				4	26	18	4	0	0	0	4	4
December -	2.9	3.0		1.670	1.000	22nd	4	0	0	0				12	16	18	4	0	0	2	6	4
Year -	5.9	5.4		76.280	—	—	95	0	0	10				114	170	170	30	14	14	46	120	52



## HONG KONG (SANITORIUM) (A.M.D.).

Long. 114° 10' E. Lat. 22° 16' N. Height above Mean Sea Level, ? feet.

1885.	Pressure.		Air Temperature.									Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	74.7	70.6	78.7	61.0	4th	85.0	27, 28	—	—	—	—	—	—
June -	—	—	—	—	78.5	74.3	82.6	69.0	2nd, 12th	88.0	30th	—	—	—	—	—	—
July -	—	—	—	—	78.5	74.8	82.1	71.0	29th	88.0	20th	—	—	—	—	—	—
August -	—	—	—	—	78.1	73.8	82.4	67.0	24th	88.0	23, 24	—	—	—	—	—	—
September -	—	—	—	—	77.5	72.8	82.1	68.0	17th	86.0	4th, 5th	—	—	—	—	—	—
October -	—	—	—	—	72.6	67.2	78.0	59.0	24th	86.0	6th	—	—	—	—	—	—
November -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## HONG KONG (SANITORIUM) (A.M.D.).

1886.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	—	—	78.6	74.7	82.5	70.0	18, 19	87.0	6th	—	—	—	—	—	—
August -	—	—	—	—	79.5	74.8	84.1	71.0	12th	88.0	19, 21	—	—	—	—	—	—
September -	—	—	—	—	79.6	73.8	85.3	69.0	10th	90.0	18th	—	—	—	—	—	—
October -	—	—	—	—	74.7	68.7	80.7	56.0	30, 31	87.0	19th	—	—	—	—	—	—
November -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## FREMANTLE (R.E.).

Long. 115° 45' E. Lat. 32° 3' S. Height above Mean Sea Level, 17 feet.

1882.	9.30 a.m. ins.	3.30 p.m. ins.	9.30 a.m. °	3.30 p.m. °	°	°	°	°		°		9.30 a.m. in.	3.30 p.m. in.	in.	9.30 a.m. %	3.30 p.m. %	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	30.171	30.114	56.1	57.7	55.5 <sup>1</sup>	49.0 <sup>1</sup>	61.9 <sup>1</sup>	37.0	15, 18	68.0	9th, 10th	369 <sup>5</sup>	391 <sup>5</sup>	—	86.2 <sup>5</sup>	77.7 <sup>5</sup>	—
August -	.069	.035	56.9	60.2	55.1	48.2	61.9	38.5	12, 13, 14	71.5	22nd	361	410	—	83.0	81.0	—
September -	.039	.019	61.1	65.4	59.4	51.4	67.3	40.0	5th	84.0	11th	419	471	—	80.9	76.9	—
October -	.070	30.007	63.1	65.9	60.1	52.6	67.5	44.0	1st, 5th	80.0	13th	411	476	—	78.3	75.8	—
November -	30.006	29.967	68.2	70.2	64.4	55.8	72.9	49.0	26th	81.0	30th	531	562	—	74.9	75.0	—
December -	29.962	29.925	74.8	77.2	70.8	60.7	80.8	50.0	31st	99.0	17th	584	646	—	69.8	71.4	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## FREMANTLE (R.E.).

1883.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.956	29.899	75.6	78.3	71.8	61.8	81.8	50.5	15, 17	102.0	5th	.609	.655	—	70.9	69.8	—
February -	.802	.761	74.6	76.8	71.8	63.2	80.4	55.0	10th	101.0	13th	.659	.704	—	74.2	76.0	—
March -	29.975	29.919	71.3	73.5	66.9	58.1	75.6	49.5	1st	89.0	6th	.628	.713	—	83.2	86.8	—
April -	30.059	30.018	62.7	66.0	60.3	52.9	67.6	42.0	24th	74.0	1st	.488 <sup>1</sup>	.552 <sup>1</sup>	—	86.8 <sup>1</sup>	88.0 <sup>1</sup>	—
May -	.160	.105	59.6	64.0	57.3	49.5	65.0	42.0	24th	71.0	17th	.435	.509	—	88.7	90.0	—
June -	30.133	30.092	53.0	59.0	53.2	44.8	61.5	36.0	9th	74.0	2nd	.345	.395	—	87.3	82.1	—
July -	29.942	29.895	57.1	61.0	57.1	51.5	62.7	41.0	9th	69.0	16th	.391	.430	—	82.6	82.4	—
August -	30.093	30.051	59.2	61.6	57.6	51.6	63.5	45.0	25th	68.0	8th	.406	.433	—	84.3	82.1	—
September -	.069	.033	61.6	65.2	59.4	52.0	66.8	43.0	1st	86.0	24th	.415	.459	—	78.1	75.9	—
October -	30.093	30.048	66.3	70.2	62.4	53.5	71.2	40.0	9th	92.0	17th	.472	.527	—	73.3	73.2	—
November -	29.937	29.910	70.8	73.4	67.4	58.8	75.9	49.0	13th	98.0	2nd	.550	.628	—	75.1	78.5	—
December -	29.944	29.907	71.5	73.7	67.5	58.9	76.0	52.0	24, 28	83.0	31st	.592	.666	—	78.0	81.3	—
Year -	30.014	29.970	65.3	68.6	62.7	54.7	70.7	—	—	—	—	.499	.556	—	80.2	80.5	—

NOTE.—Smaller figures, thus 1, indicate the number of observations that are missing.

Thermometers, ? feet above ground. Rain-gauge, 8 inches above ground.

HONG KONG.

1885.	Amount of Cloud.			Rainfall.			Weather, No. of days of							Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
February -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
March -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
April -	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
May -	8.5	8.3		3.280	1.720	3rd	18	0	0	3				2	10	2	12	19	12	1	0	4	
June -	7.8	7.7		28.020	9.260	12th	16	0	0	6				0	2	0	20	20	8	1	3	6	
July -	8.2	7.4		13.710	2.830	28th	16	0	0	3				0	2	5	3	14	29	0	0	9	
August -	7.5	7.2		26.710	6.200	26th	19	0	0	5				0	12	0	13	0	23	0	3	11	
September -	5.8	5.7		4.670	1.230	7th	13	0	0	1				2	21	2	1	8	11	5	1	9	
October -	4.6	3.8		1.380	0.830	9th	8	0	0	0				3	47	0	4	0	3	0	0	5	
November -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	
December -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	

HONG KONG.

1886.	—	—	—	ins.	ins.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	5.8	5.5	—	28.720	15.350	15th	22	0	0	3	—	—	—	8	12	9	11	3	1	0	10	8
August -	6.3	6.3	—	10.650	5.740	26th	11	0	0	0	—	—	—	11	8	2	9	4	5	0	7	16
September -	6.1	6.2	—	4.050	2.120	23rd	3	0	0	1	—	—	—	18	16	5	0	0	0	3	14	4
October -	6.4	5.6	—	2.070	1.630	12th	5	0	0	0	—	—	—	15	26	1	0	0	0	5	13	2
November -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Thermometers, ? feet above ground. Rain-gauge, on or near the ground.

FREMANTLE.

1852.	9.30 a.m.	3.30 p.m.	—	ins.	ins.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	2.8	3.0	—	5.180	1.200	1st	13	—	—	—	—	—	—	1	5	8	3	8	0	4	2	0
August -	3.7	3.3	—	5.307	1.260	10th	17	—	—	—	—	—	—	0	6	6	4	2	3	9	1	0
September -	4.0	4.0	—	3.345	.610	26th	12	—	—	—	—	—	—	2	2	6	2	7	1	6	4	0
October -	4.3	2.8	—	0.371	.170	5th	6	—	—	—	—	—	—	1	1	4	1	3	12	8	1	0
November -	4.0	3.8	—	0.160	.080	17th	3	—	—	—	—	—	—	2	1	5	0	3	7	10	2	0
December -	2.1	1.0	—	0.000	.000	—	0	—	—	—	—	—	—	0	0	8	3	6	8	6	0	0
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—The wind summary for 1852 includes only the morning observations.

FREMANTLE.

1853.	—	—	—	ins.	ins.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
January -	2.4	2.4	—	0.480	0.150	14th	4	—	—	—	—	—	—	0	1	6	5	7	9	2	1	0
February -	3.8	3.5	—	1.140	0.840	21st	5	—	—	—	—	—	—	0	2	7	2	4	6	4	3	0
March -	2.6	3.1	—	0.450	0.270	28th	3	—	—	—	—	—	—	0	5	6	7	4	3	5	1	0
April -	4.3	3.9	—	3.380	1.360	1st	9	—	—	—	—	—	—	0	0	6	6	5	5	6	2	0
May -	3.7	3.7	—	4.150	2.700	22nd	4	—	—	—	—	—	—	1	4	10	6	2	5	2	1	0
June -	3.3	3.6	—	4.570	1.050	13th	11	—	—	—	—	—	—	1	5	12	4	3	0	1	4	0
July -	5.0	5.3	—	11.300	2.160	17th	22	—	—	—	—	—	—	0	5	8	2	2	2	3	9	0
August -	4.1	4.1	—	3.490	0.630	4th	15	—	—	—	—	—	—	1	4	5	3	1	6	6	5	0
September -	3.0	2.7	—	4.380	2.500	14th	10	—	—	—	—	—	—	1	2	4	3	4	7	7	2	0
October -	1.8	1.8	—	0.050	0.050	3th	1	—	—	—	—	—	—	2	3	8	4	4	3	4	3	0
November -	3.2	2.9	—	0.620	0.400	11th	4	—	—	—	—	—	—	0	1	6	0	2	10	6	5	0
December -	2.3	2.4	—	0.210	0.080	21st	5	—	—	—	—	—	—	0	0	1	0	6	15	6	3	0
Year -	3.3	3.3	—	34.220	—	—	93	—	—	—	—	—	—	6	32	79	42	44	71	52	39	0

NOTE.—The wind summary for 1853 includes only the morning observations.



## FREMANTLE (R.E.).

Long. 115° 45' E. Lat. 32° 3' S. Height above Mean Sea Level, 17 feet.

1854.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.968	29.916	76.3	76.8	71.2	61.5	80.8	49.0	23rd	95.0	9th	.531	.620		61.9	69.3	
February -	29.971	29.918	75.6	77.7	—	62.7	—	55.0	20, 21	—	—	.671	.769		77.3	82.4	
March -	30.064	30.002	70.4	72.9	—	57.6	—	47.0	25th	—	—	.539	.633		74.5	79.3	
April -	29.981	29.940	66.6	70.1	—	56.2	—	48.0	20th	—	—	.511	.599		72.4	82.0	
May -	30.116	30.061	63.4	68.8	63.6	56.0	71.2	47.0	24th	83.0	9th	.502	.584		86.4	83.9	
June -	.082	.023	55.9	61.9	56.7	49.0	64.3	44.0	21st	69.5	4th	.388	.464		85.2	83.6	
July -	.051	30.012	58.0	62.0	57.8	52.0	63.5	42.5	30th	69.0	10th	.417	.465		85.2	83.1	
August -	.007	29.972	57.2	60.2	56.7	50.6	62.8	40.5	2nd	71.5	8th	.397	.440		83.0	83.0	
September	30.092	30.048	62.0	64.5	59.5	52.2	66.8	44.0	3rd	73.0	27th	.462	.521		82.2	85.7	
October -	29.951	29.931	63.8	65.5	60.5	53.5	67.5	45.5	11th	76.0	31st	.486	.522		81.7	82.3	
November	30.057	30.014	68.8	71.2	64.4	55.8	73.0	47.0	4th	90.0	9th	.544	.612		77.3	80.8	
December	29.979	29.913	72.8	76.0	69.1	59.5	78.7	44.0	29th	97.5	19th	.581	.640		72.9	73.3	
Year -	30.027	29.979	65.9	69.0	—	55.6	—	—	—	—	—	.502	.572		78.3	80.7	

## FREMANTLE (R.E.).

1855.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	29.883 <sup>11</sup>	29.838 <sup>11</sup>	76.4 <sup>11</sup>	77.7 <sup>11</sup>	72.8 <sup>11</sup>	63.2 <sup>11</sup>	82.3 <sup>11</sup>	54.0	20th	102.0	1st	.626 <sup>11</sup>	.602 <sup>11</sup>		70.6 <sup>11</sup>	75.6 <sup>11</sup>	
February -	.998	.953	75.9	78.8	71.8	61.3	82.3	50.0	28th	96.0	7th, 21st	.584	.604		66.0	69.6	
March -	29.921	29.862	71.6	75.2	69.8	61.9	77.6	49.0	3rd	91.0	11th	.581	.635		75.7	73.7	
April -	30.153	30.096	67.8	73.7	67.1	57.9	76.3	43.0	26th	88.0	9th	.502	.563		73.3	67.9	
May -	.077	.035	63.6	68.0	62.8	55.5	70.1	48.0	21st	76.0	14th	.436	.487		73.7	71.3	
June -	.127	30.079	57.2	62.4	57.7	51.3	64.1	40.0	26th	69.5	23rd	.369	.419		76.8	73.5	
July -	.016	29.965	57.1	61.6	57.5	51.9	63.1	40.0	25th	68.0	10th	.374	.408		79.1	73.5	
August -	.063	30.030	56.5	59.8	55.7	49.4	62.0	41.0	7th, 8th	70.0	20th	.370	.392		78.8	73.5	
September -	.047	30.018	60.5	64.4	58.8	51.9	65.7	41.0	8th	72.0	11th	.390	.419		73.0	68.7	
October -	.009	29.966	64.4	67.1	62.0	54.4	69.5	44.0	13th	74.5	4th, 19th	.436	.497		71.8	73.8	
November -	30.013	.980	68.9	71.4	64.6	55.6	73.5	49.0	1st	92.0	20th	.506	.564		70.7	73.3	
December -	29.960	29.920	75.3	77.1	70.6	59.5	81.7	51.5	14th	102.0	26th	.556	.649		64.5	71.0	
Year -	30.022	29.979	66.3	69.8	64.3	56.2	72.4	—	—	—	—	.478	.527		72.8	72.1	

(NOTE.—No observations for

## FREMANTLE (R.E.).

1859.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February -	—	—	75.6	77.0	70.6	62.3	78.8	48.0	22nd	90.0	24th	.545	.534		67.9	59.5	
March -	—	—	75.4	77.7	69.4	59.1	79.7	51.0	25, 31	91.0	10th	.586	.558		71.0	60.1	
April -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## AUCKLAND, N.Z. (R.E.).

Long. 174° 51' E. Lat. 36° 50' S. Height above Mean Sea Level, 80 feet.

1853.	ins.	ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%
January -	—	—	69.4	71.5	—	57.6	—	51.2	1st	—	—	.520	.537		74	72	
February -	—	—	67.3	69.1	—	59.0	—	52.8	13th	—	—	.527	.516		80	75	
March -	—	—	66.1	68.4	—	57.3	—	47.0	31st	—	—	.477	.495		77	73	
April -	—	—	60.8	62.7	—	51.8	—	45.3	4th, 5th	—	—	.421	.421		81	76	
May -	—	—	57.0	58.1	—	50.2	—	40.4	13th	—	—	.390	.388		85	82	
June -	—	—	49.9	53.2	50.4	42.6	58.1	35.0	27, 31	63.0	2nd	.309	.331		88	83	
July -	—	—	51.8	54.4	51.7	44.5	58.8	35.0	27th	66.8	16th	.326	.341		85	82	
August -	—	—	53.7	56.9	53.7	44.1	63.2	37.8	15th	67.2	18th	.329	.364		81	80	
September -	—	—	56.2	57.2	54.5	46.7	62.2	36.0	4th	69.5	3rd	.393	.409		87	89	
October -	29.923	29.877	60.1	61.7	57.7	48.9	66.4	41.0	10th	73.7	31st	.454	.430		88	88	
November -	.921	.901	62.2	63.6	59.9	51.6	68.2	46.8	26, 27	77.0	8th	.428	.439		78	76	
December -	29.820	29.796	66.9	68.2	63.4	53.7	73.1	46.0	21st	83.7	7th	.446	.436		70	65	
Year -	—	—	60.1	62.1	—	50.7	—	—	—	—	—	.418	.426		81.2	78.4	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

FREMANTLE.

1854.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.	—																		
January -	1.2	1.5		0.000	.000	—	0							0	5	8	6	8	35	0	0	0		
February -	3.0	1.6		0.300	.300	20th	1							1	1	6	6	11	24	7	0	0		
March -	3.1	2.4		0.000	.000	—	0							1	2	9	3	7	29	10	1	0		
April -	3.5	3.0		1.380	.410	20th	11							1	6	16	6	6	14	8	3	0		
May -	3.1	3.8		0.000	.000	—	0							2	8	21	6	6	13	2	4	0		
June -	2.8	3.4		5.540	1.730	9th	10							4	15	17	4	6	7	3	4	0		
July -	4.2	5.0		9.330	1.270	29th	23							8	8	2	3	8	14	12	7	0		
August -	3.9	4.7		7.070	1.160	14th	20							11	9	5	2	4	5	13	13	0		
September	2.6	3.2		2.620	1.470	1st	9							3	5	7	2	11	16	11	5	0		
October -	3.1	2.8		3.050	.760	1st	11							4	2	1	2	9	24	15	5	0		
November	1.6	1.1		0.310	.310	10th	1							0	2	6	2	8	37	4	1	0		
December	2.2	1.7		0.230	.100	25th	4							1	2	11	7	5	22	10	4	0		
Year -	2.9	2.9		29.830	—	—	90							36	65	109	49	89	240	95	47	0		

FREMANTLE.

1855.				ins.	ins.																	
January -	2.7	2.6		1.190	.840	26th	3							0	4	3	13	3	38	0	1	0
February -	1.5	1.3		0.450	.450	27th	1							0	2	9	6	5	29	3	2	0
March -	3.2	2.8		3.280	1.410	25th	6							2	7	8	11	2	24	6	2	0
April -	1.6	1.8		0.080	.080	3rd	1							0	8	10	11	5	25	0	1	0
May -	3.3	3.1		4.460	1.160	23rd	13							7	14	6	4	4	6	15	6	0
June -	3.4	3.7		5.580	1.140	23rd	16							1	20	15	3	3	6	6	6	0
July -	3.5	3.2		5.990	.980	30th	19							2	10	12	2	3	3	17	13	0
August -	2.8	3.5		4.610	.790	21st	17							1	10	3	9	0	17	9	13	0
September -	2.9	2.6		2.080	.650	16th	11							1	6	7	11	2	15	9	9	0
October -	3.1	2.9		1.750	.600	11th	8							2	2	5	7	4	27	6	9	0
November -	2.2	1.6		0.730	.490	7th	4							1	1	4	10	1	36	5	2	0
December -	1.1	1.4		0.080	.050	9th	2							0	3	8	9	3	28	5	6	0
Year -	2.6	2.5		30.280	—	—	101							17	87	90	96	35	254	81	70	0

the years 1856, 1857, and 1858.)

FREMANTLE.

1859.				ins.	ins.																	
January -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—
February -	3.3	3.1		2.000	1.500	25th	2							0	0	15	3	12	16	10	0	0
March -	3.3	3.0		0.000	.000	—	0							5	3	15	3	19	7	8	2	0
April -																						
May -																						
June -																						
July -																						
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

AUCKLAND

1853.				ins.	ins.																	
January -	7.0	5.0		3.470	.840	24th	11							1	3	2	1	6	6	7	5	0
February -	8.3	6.6		4.980	1.420	19th	14							3	1	2	0	3	6	7	6	0
March -	6.8	6.9		7.840	3.160	4th	18							1	2	6	3	5	6	7	1	0
April -	7.1	6.9		5.570	2.160	21st	19							0	2	4	4	4	5	8	3	0
May -	6.3	6.3		4.300	.600	15th	20							2	1	1	2	1	10	11	3	0
June -	5.6	4.6		5.670	1.240	19th	20							0	3	1	4	5	6	9	2	0
July -	6.0	5.9		4.940	.670	23rd	21							2	2	4	2	6	6	5	4	0
August -	5.5	5.5		2.340	1.000	20th	13							1	2	5	10	6	2	3	2	0
September -	6.2	6.1		6.940	.850	19th	23							1	2	2	0	2	2	13	8	0
October -	8.0	6.1		1.930	.580	14th	14							4	4	3	0	5	8	6	1	0
November -	7.5	6.7		2.250	.600	11th	13							1	1	2	0	4	10	9	3	0
December -	6.4	5.6		1.500	.440	26th	8							3	3	2	0	.9	8	2	4	0
Year -	6.6	6.0		51.730	—	—	194							19	26	34	26	56	75	87	42	0

NOTE.—The wind summary for 1853 includes only the morning observations.



## AUCKLAND, N.Z. (R.E.).

Long. 174° 51' E. Lat. 36° 50' S. Height above Mean Sea Level, 80 feet }  
for January and February 1854, then 140 feet. }

1854.	Pressure.		Air Temperature.								Tension of Vapour.			Relative Humidity.			
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.
						Min.	Max.	Min.	Date.	Max.	Date.						
	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.952	29.923	72.6	75.6	—	58.2	—	50.5	11th	—	—	.500	.533	—	64	61	—
February -	.900	.867	72.2	74.1	—	60.9	—	53.8	15th	—	—	.556	.556	—	72	68	—
March -	.874	.839	71.5	74.0	—	60.9	—	54.2	24th	—	—	.558	.554	—	74	68	—
April -	.972	.924	64.9	66.9	—	54.9	—	47.0	10th	—	—	.449	.457	—	75	72	—
May -	.662	.630	58.0	59.5	—	50.3	—	42.0	17th	—	—	.391	.388	—	81	78	—
June -	.671	.645	53.7	55.8	—	47.3	—	37.5	20, 21	—	—	.344	.350	—	84	80	—
July -	.857	.807	52.3	56.2	—	45.9	—	34.2	31st	—	—	.326	.349	—	84	78	—
August -	.842	.800	53.9	56.5	53.6	46.5	60.7	35.8	2nd	66.8	18th	.340	.343	—	83	77	—
September	.723	.676	56.9	58.2	55.6	47.4	63.7	36.0	6th	68.8	30th	.326	.330	—	73	70	—
October -	.804	.748	59.9	60.9	57.1	48.6	65.5	42.2	7th	72.5	13, 31	.336	.329	—	68	64	—
November	.743	.703	62.5	63.1	60.0	51.5	68.4	45.0	5th	77.0	30th	.341	.343	—	63	62	—
December	29.764	29.736	66.6	67.3	63.4	55.1	71.6	49.0	15th	83.0	21st	.484	.505	—	76	77	—
Year -	29.814	29.775	62.1	64.0	—	52.3	—	—	—	—	—	.412	.420	—	74.8	71.3	—

## AUCKLAND, N.Z. (R.E.).

1855.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	30.013	29.978	71.6	72.8	66.7	56.4	77.0	52.5	2nd	82.0	17th	.526	.526	—	68.8	66.7	—
February -	29.874	.836	70.2	73.1	67.7	58.1	77.3	46.0	27th	85.0	3rd	.546	.591	—	73.2	71.0	—
March -	30.007	.961	68.7	71.8	66.4	56.1	76.7	47.5	24th	84.0	28th	.481	.474	—	68.8	60.9	—
April -	30.038	.985	64.6	67.6	63.3	54.1	72.4	47.0	20th	80.5	3rd	.439	.464	—	72.2	69.3	—
May -	29.890	.841	58.3	61.5	58.1	50.7	65.5	44.5	10th	71.0	10th	.386	.407	—	78.0	73.3	—
June -	.816	.766	53.3	58.4	54.2	46.2	62.2	36.0	25th	68.0	22nd	.337	.367	—	79.6	74.0	—
July -	.879	.814	53.2	56.3	52.8	46.3	59.2	37.5	1st, 25th	66.5	13th	.336	.352	—	79.7	76.0	—
August -	.925	.871	54.2	57.1	52.9	44.3	61.4	34.5	24th	66.5	19, 20	.317	.339	—	72.7	71.4	—
September -	.948	.898	57.3	58.5	54.5	46.2	62.8	38.0	6th	71.0	22nd	.324	.321	—	67.6	65.1	—
October -	.809	.756	64.4	64.7	61.2	51.4	71.0	45.0	22, 27	79.5	18th	.422	.421	—	69.5	68.2	—
November -	.685	.650	65.1	64.8	61.6	52.6	70.6	45.0	6th, 7th	80.0	27th	.411	.405	—	65.5	66.6	—
December -	29.891	29.842	69.2	69.5	65.3	55.5	75.1	48.0	28th	89.0	3rd	.405	.419	—	57.3	58.4	—
Year -	29.898	29.850	62.5	64.7	60.4	51.5	69.3	—	—	—	—	.411	.424	—	71.1	68.4	—

## AUCKLAND, N.Z. (R.E.).

1856.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.857	29.819	68.8	68.9	65.3	55.9	74.7	46.5	9th	83.5	4th	.419	.417	—	59.6	59.4	—
February -	29.814	29.777	69.4	70.5	65.1	56.1	74.1	48.0	5th	81.0	23rd	.403	.468	—	65.1	63.8	—
March -	30.121	30.058	66.8	71.2	64.5	52.6	76.3	41.5	14th	82.0	3rd	.418	.434	—	57.5	56.9	—
April -	29.967	29.911	64.9	65.9	61.1	51.9	70.3	42.0	27th	76.5	4th	.381	.386	—	62.0	60.2	—
May -	.845	.792	57.0	58.9	55.0	46.5	63.5	40.0	29th	74.0	1st	.320	.321	—	67.8	63.0	—
June -	.780	.750	54.0	57.0	—	44.9	—	33.5	2nd	—	—	.322	.323	—	75.0	67.8	—
July -	.685	.639	52.5	54.9	—	42.3	—	31.0	27th	—	—	.281	.305	—	68.6	68.7	—
August -	.824	.793	55.7	58.0	—	45.4	—	36.0	29th	—	—	.328	.350	—	72.6	71.4	—
September -	.789	.740	59.3	60.5	—	48.5	—	41.0	20, 21	—	—	.368	.389	—	72.1	72.8	—
October -	.795	.755	61.2	62.0	—	48.7	—	39.5	15th	—	—	.359	.362	—	65.8	64.3	—
November -	.708	.666	62.2	62.5	58.1	49.4	66.8	39.0	3rd	72.0	20, 26, 29	.383	.392	—	67.3	68.6	—
December -	29.943	29.905	71.3	72.4	68.1	58.8	77.4	53.0	21st	93.0	9th	.482	.498	—	63.4	63.5	—
Year -	29.844	29.800	62.2	63.6	—	50.1	—	—	—	—	—	.377	.387	—	66.4	65.0	—

## AUCKLAND, N.Z. (R.E.).

1857.	ins.	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29.799	29.768	71.0	73.3	67.7	57.3	78.0	53.0	1st, 20th	87.5	30th	.469	.487	—	62.3	60.2	—
February -	.871	.827	70.5	72.5	66.4	55.7	77.0	49.0	21st	85.0	3rd	.455	.458	—	61.6	58.1	—
March -	29.880	.837	67.4	69.6	64.5	55.6	73.4	46.0	22nd	79.5	2nd, 26th	.457	.461	—	68.2	64.4	—
April -	30.033	.992	63.6	65.9	60.1	49.4	70.8	42.0	29th	77.0	10th	.379	.380	—	64.3	59.4	—
May -	29.763	.716	56.5	58.4	53.1	43.3	62.9	33.0	20th	71.0	3rd	.331	.313	—	69.1	62.8	—
June -	.770	.716	54.1	57.2	52.0	44.0	60.0	33.0	16, 17	65.0	23rd	.312	.327	—	72.3	68.3	—
July -	.932	.895	54.1	56.4	52.3	45.1	59.5	35.0	29th	64.5	23rd	.315	.324	—	72.7	69.5	—
August -	.896	.851	54.4	57.1	53.2	44.8	61.5	35.0	8th	67.0	25th	.317	.328	—	72.4	69.2	—
September -	.709	.661	57.4	58.7	55.4	47.5	63.2	42.0	20, 27, 29	68.0	3rd	.351	.348	—	73.2	69.7	—
October -	.731	.696	58.7	60.0	56.9	49.1	64.6	40.5	21st	73.0	23rd	.366	.389	—	72.9	73.9	—
November -	.756	.705	61.2	61.6	59.1	50.6	67.5	41.0	22nd	78.0	16th	.373	.377	—	68.4	66.5	—
December -	29.802	29.773	66.5	66.9	62.7	52.3	73.0	46.0	1st	81.5	9th	.403	.401	—	62.1	60.5	—
Year -	29.829	29.786	61.3	63.1	58.6	49.6	67.6	—	—	—	—	.377	.383	—	68.3	65.2	—

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

AUCKLAND.

1854.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
				ins.	ins.																			
January -	4.0	2.5		0.160	.080	22nd	3							1	5	2	2	13	7	1	0	0		
February -	6.0	5.7		4.030	1.380	10th	11							3	5	5	2	5	3	3	2	0		
March -	7.5	6.8		3.530	1.440	8th	8							3	0	4	5	6	2	9	3	0		
April -	5.3	5.9		7.590	2.910	22nd	9							1	2	8	6	7	2	3	1	0		
May -	7.2	6.3		8.310	1.120	7th	26							3	2	1	0	3	4	10	8	0		
June -	7.1	6.5		7.150	1.400	10th	19							2	3	3	4	5	6	4	3	0		
July -	6.9	6.1		2.910	1.040	11th	12							0	3	9	6	4	3	3	3	0		
August -	7.3	5.5		5.220	1.110	15th	20							0	3	6	1	3	4	11	3	0		
September	7.0	6.0		3.430	.490	27th	18							3	2	2	0	1	4	10	8	0		
October -	6.2	4.0		2.710	.620	10th	13							1	2	2	1	5	7	8	5	0		
November	6.7	5.4		7.090	2.430	28th	14							2	6	4	0	5	3	5	5	0		
December	6.5	4.4		5.320	1.200	27th	11							1	3	2	1	4	3	11	6	0		
Year -	6.5	5.4		57.450	—	—	164							19	36	48	28	61	48	78	47	0		

NOTE.—The wind summary for 1854 includes only the morning observations.

AUCKLAND.

1855.				ins.	ins.																	
January -	7.0	4.5		0.700	.280	29th	6							11	19	12	1	5	6	3	5	0
February -	5.6	3.9		1.030	.440	7th	8							8	19	0	6	8	13	1	1	0
March -	5.2	3.4		0.220	.180	11th	4							3	19	7	11	9	8	2	3	0
April -	5.4	3.5		1.460	1.030	12th	9							3	15	5	3	11	18	0	5	0
May -	6.3	5.0		4.190	.980	16th	17							4	7	1	3	16	16	1	14	0
June -	6.4	5.0		3.740	.840	9th	14							1	10	3	9	16	9	5	7	0
July -	5.4	5.2		7.190	1.840	30th	18							6	13	5	12	6	8	1	11	0
August -	5.0	4.5		3.740	1.300	27th	10							3	17	5	6	11	14	1	5	0
September -	5.5	4.8		3.350	1.220	20th	9							5	17	1	4	13	15	0	5	0
October -	6.0	5.0		4.900	.980	13th	12							1	21	3	7	10	7	5	8	0
November -	6.4	6.3		5.720	1.490	8th	17							3	6	0	2	6	19	5	19	0
December -	6.7	5.4		0.910	.410	25th	6							15	10	0	2	11	15	5	4	0
Year -	5.9	4.7		37.150	—	—	130							63	173	42	66	122	148	29	87	0

AUCKLAND.

1856.				ins.	ins.																	
January -	6.7	6.1		1.300	.580	14th	9							1	9	0	0	8	30	3	11	0
February -	6.4	6.2		1.580	.520	15th	9							7	10	1	7	10	6	9	8	0
March -	4.0	4.7		0.060	.060	13th	1							5	9	5	4	17	7	7	8	0
April -	5.9	5.6		0.880	.510	1st	7							3	3	6	2	10	23	9	4	0
May -	5.0	5.6		3.650	1.640	26th	10							2	7	1	8	21	19	2	2	0
June -	5.9	6.3		5.880	1.650	9th	20							1	6	0	10	10	15	9	9	0
July -	5.4	5.5		5.900	1.020	13th	23							—	—	—	—	—	—	—	—	0
August -	5.9	6.9		6.470	2.200	17th	23							3	13	4	4	5	7	5	21	0
September -	7.3	7.6		3.090	.700	12th	16							6	14	0	2	7	10	7	14	0
October -	6.4	5.3		2.260	.660	18th	12							4	4	0	3	6	19	13	13	0
November -	7.5	7.1		3.350	.710	25th	16							4	14	1	0	3	17	11	10	0
December -	7.0	5.6		1.660	.820	6th	8							12	31	2	0	3	3	5	6	0
Year -	6.1	6.0		36.080	—	—	154							—	—	—	—	—	—	—	—	—

AUCKLAND.

1857.				ins.	ins.																	
January -	6.3	5.0		2.310	1.200	6th	6							7	11	4	8	9	15	4	4	0
February -	6.3	5.7		1.380	.650	21st	6							5	5	3	6	12	13	6	6	0
March -	7.2	7.5		3.590	1.250	14th	15							7	8	5	9	5	16	4	8	0
April -	4.3	4.8		1.570	.380	4th	11							2	5	6	17	13	13	3	1	0
May -	5.7	5.9		5.120	.940	25th	24							2	1	5	1	13	21	9	10	0
June -	7.1	7.2		7.570	2.000	8th	16							8	8	9	8	8	6	8	5	0
July -	6.5	6.9		6.300	2.900	26th	15							5	8	10	10	9	10	3	7	0
August -	5.9	6.2		5.130	.530	24th	15							3	5	10	11	6	14	4	9	0
September -	5.9	6.1		5.660	1.500	10th	19							1	9	1	5	4	13	12	15	0
October -	7.2	6.7		4.730	.940	26th	19							4	3	10	1	0	23	10	11	0
November -	7.5	6.7		2.960	.520	15th	14							5	3	0	1	5	21	11	14	0
December -	6.7	5.7		1.300	.400	1st	9							8	1	0	1	5	28	8	11	0
Year -	6.4	6.2		45.620	—	—	169							57	67	63	78	39	133	82	101	0



## AUCKLAND, N.Z. (R.E.).

Long. 174° 51' E. Lat. 36° 50' S. Height above Mean Sea Level, 140 feet.

1858.	Pressure. °		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	29.772	29.739	66.4	68.0	64.0	54.0	74.0	46.0	21st	92.0	19th	.431	.445		66.4	64.8		
February -	.940	.903	69.3	71.2	66.7	56.3	77.0	48.0	19th	87.0	13th	.473	.486		66.0	64.0		
March -	.977	.940	67.2	69.3	65.1	56.1	74.1	48.0	13th	85.0	12th	.485	.482		72.9	67.5		
April -	.812	.759	61.3	62.6	58.3	48.3	68.2	35.5	24th	82.0	1st, 8th	.362	.381		64.8	65.1		
May -	.843	.801	56.4	58.5	54.2	46.2	62.2	37.0	26th	69.5	11th	.357	.348		76.5	69.5		
June -	.791	.747	53.8	55.9	52.6	44.8	60.4	34.5	18th	66.0	1st	.299	.307		69.8	67.0		
July -	.822	.783	51.3	54.5	50.1	42.2	58.0	34.0	14th	63.5	31st	.282	.298		71.6	68.2		
August -	.723	.677	54.5	56.9	53.4	44.6	62.1	37.0	26th	67.5	12th	.308	.319		70.7	67.9		
September	.814	.758	57.9 <sup>2</sup>	59.7 <sup>2</sup>	55.7 <sup>2</sup>	48.4 <sup>2</sup>	63.0 <sup>2</sup>	43.0	5th, 19th	67.5	29th	.340 <sup>2</sup>	.351 <sup>2</sup>		67.3 <sup>2</sup>	67.7 <sup>2</sup>		
October -	.992	.946	61.0	61.0	57.4	48.5	66.3	43.0	24, 25	72.0	27th	.349	.351		64.4	65.1		
November	.896	.856	63.5	63.7	59.9	50.5	69.3	43.0	5th	75.0	9th	.415	.426		70.1	72.0		
December	29.869	29.835	70.3	71.9	66.8	56.4	77.1	49.0	19th	84.5	7, 8, 29	.530	.550		72.2	71.3		
Year -	29.854	29.812	61.1	62.8	58.7	49.7	67.6	—	—	—	—	.386	.395		69.4	67.5		

## AUCKLAND, N.Z. (R.E.).

1859.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.816	29.780	72.4	73.6	68.9	58.4	79.3	47.5	16th	86.0	20th	.555	.559		70.3	68.4	
February -	.808	.774	71.9	74.2	69.4	59.3	79.5	52.0	13, 20, 21	87.0	25th	.543	.580		69.7	69.3	
March -	.795	.750	68.2	70.0	65.5	55.6	75.4	51.0	28th	82.0	21st	.493	.519		71.7	71.1	
April -	.847	.789	64.7	65.6	62.6	54.7	70.4	38.5	29th	77.5	7th	.489	.486		80.1	76.6	
May -	.764	.726	58.0	59.3	57.2	50.6	63.7	46.0	4th	70.0	2nd	.424	.428		83.1	83.2	
June -	.871	.846	51.8	56.1	53.5	46.7	60.2	36.0	24th	66.0	10th	.377	.387		88.7	83.8	
July -	29.876	.831	51.9	55.3	52.6	45.2	59.9	36.0	19, 20	64.0	26, 27	.351	.365		86.8	79.4	
August -	30.044	.986	52.1	56.9	52.5	43.3	61.7	36.5	5th	65.5	7th	.344	.362		82.9	76.6	
September	29.958	.909	56.3	58.6	54.3	45.5	63.1	37.0	5th	68.5	30th	.358	.380		76.9	75.7	
October -	.922	.875	63.1	65.0	60.4	51.1	69.7	45.0	3rd	78.0	13th	.464	.465		79.9	75.3	
November	.784	.741	64.3	65.1	61.7	52.3	71.0	45.5	17th	82.0	3rd	.446	.467		73.6	74.0	
December	29.809	29.781	68.9	69.7	65.5	55.5	75.4	50.0	3rd	83.0	26, 28	.504	.538		71.8	74.9	
Year -	29.858	29.816	62.0	64.1	60.3	51.5	69.1	—	—	—	—	.446	.461		78.0	75.7	

## AUCKLAND, N.Z. (R.E.).

1860.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.777	29.748	72.3	74.3	70.1	60.7	79.4	52.0	29th	84.5	7, 12, 19	.552	.570		70.1	67.7	
February -	.923	.878	72.2	74.2	70.1	60.1	80.1	53.0	24th	85.0	12th	.556	.596		71.3	71.6	
March -	29.949	.906	68.3	71.2	66.9	58.0	75.8	50.0	26th	85.5	11th	.531	.576		76.3	75.8	
April -	30.019	.973	65.0	67.9	64.4	55.4	73.4	44.5	21st	85.5	22nd	.502	.506		79.8	74.2	
May -	29.806	.766	59.9	61.9	58.6	53.4	63.7	45.5	10th	77.0	21st	.458	.465		86.8	82.6	
June -	.603	.573	58.2	59.0	58.5	53.3	63.7	48.0	13, 25	69.5	20th	.430	.428		86.4	83.9	
July -	.899	.855	51.0	54.9	52.2	44.6	59.8	36.5	24, 29	65.0	12, 15	.319	.339		81.2	75.7	
August -	.765	.712	51.5	53.6	51.8	44.5	59.1	36.0	31st	64.0	17th	.329	.359		83.2	83.6	
September	.863	.817	56.0	58.4	54.9	46.6	63.2	37.0	3rd	70.0	9th	.386	.432		83.3	85.9	
October -	.746	.695	59.9	60.5	58.8	51.5	66.0	39.0	6th, 7th	76.0	15th	.465	.490		88.7	90.5	
November	.811	.777	65.2	66.4	64.2	56.5	71.8	52.0	12, 20	81.0	24th	.533	.535		85.1	82.2	
December	29.915	29.884	71.4	72.6	70.8	64.4	77.2	55.5	1st	88.0	30th	.579	.585		75.5	73.9	
Year -	29.840	29.799	62.6	64.6	61.8	54.1	69.4	—	—	—	—	.470	.490		80.6	79.0	

## AUCKLAND, N.Z. (R.E.).

1861.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.860	29.821	69.2	72.5	69.0	59.9	78.0	51.0	9th	87.0	25th	.559	.622		73.3	75.9	
February -	.910	.872	75.4	77.1	74.2	65.8	82.5	61.0	24th	94.0	9th	.719	.818		83.6	88.5	
March -	.862	.809	70.5	73.1	69.1	60.1	78.1	50.0	30th	86.0	20th	.653	.765		87.6	94.0	
April -	.968	.921	66.0	66.2	65.7	59.5	71.8	46.0	26th	77.0	3rd, 8th	.604	.609		93.4	93.4	
May -	.926	.871	60.8	63.5	61.4	54.8	68.0	43.0	8th	73.0	4th, 17th	.502	.513		92.2	87.3	
June -	.791	.761	57.0	58.7	58.1	52.4	63.7	43.0	13th	73.0	18th	.444	.459		92.9	91.2	
July -	.708	.659	53.8	56.7	54.9	47.8	61.9	37.0	31st	66.0	4, 13, 19	.378	.392		87.1	82.7	
August -	.883	.851	53.4	56.6	53.3	45.7	60.8	38.0	12th	66.0	16th	.352	.395		82.3	83.5	
September	.955	.895	59.2	60.4	58.0	50.8	65.1	44.0	7th	71.0	30th	.416	.436		80.5	81.3	
October -	.802	.751	63.6	63.7	62.5	54.1	70.9	47.5	1st	84.5	12th	.491	.505		82.1	84.5	
November	.895	.863	65.9	65.9	64.7	58.1	71.2	48.0	18th	84.0	4th	.492	.470		73.4	72.6	
December	29.780	29.755	70.0	70.8	69.0	60.8	77.1	56.0	11, 29	85.0	22nd	.508	.503		69.4	66.8	
Year -	29.862	29.819	63.7	65.4	63.3	55.8	70.8	—	—	—	—	.510	.541		83.2	83.5	

NOTE.—Smaller figures, thus <sup>1</sup>, indicate the number of observations that are missing.

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

AUCKLAND.

1858.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	7.1	6.7		3.660	1.020	11th	14							2	1	1	1	5	27	14	11	0
February -	6.2	6.6		1.000	.530	21st	5							11	9	3	3	4	22	3	1	0
March -	7.1	7.6		5.510	2.600	7th	11							2	20	10	3	5	18	3	1	0
April -	6.6	5.7		2.940	.710	28th	12							8	1	1	1	6	23	12	8	0
May -	7.0	6.9		5.800	1.020	16, 31	18							7	7	0	2	4	22	14	6	0
June -	4.5	6.7		3.990	.750	23rd	19							5	1	7	4	10	11	12	10	0
July -	5.7	5.7		10.080	2.760	18th	21							4	14	3	1	14	11	9	6	0
August -	6.3	7.0		6.590	2.960	18th	19							3	11	7	4	12	8	6	11	0
September	7.4	6.8		5.040	1.210	12th	19							4	13	0	0	2	9	8	24	0
October -	7.0	6.2		2.660	.550	20th	12							3	10	1	5	2	30	8	3	0
November	7.4	6.9		5.300	2.260	20th	17							8	12	4	0	5	19	10	2	0
December	6.4	5.6		6.400	3.400	12th	9							10	13	1	5	14	11	4	4	0
Year -	6.6	6.5		58.970	—	—	176							67	112	38	29	83	211	103	87	0

AUCKLAND.

				ins.	ins.																	
1859.				ins.	ins.																	
January -	6.1	6.0		1.980	1.130	6th	11							3	15	1	7	12	10	9	5	0
February -	6.4	5.3		2.330	1.620	28th	6							3	9	9	2	13	11	8	1	0
March -	6.6	6.5		0.630	.280	17th	9							4	2	3	6	18	17	7	5	0
April -	6.5	6.3		2.940	1.240	16th	15							4	10	2	2	10	19	8	5	0
May -	7.8	7.3		4.390	1.510	23rd	23							4	4	0	0	3	19	25	7	0
June -	5.8	6.1		1.350	.290	2nd	21							1	7	7	5	16	18	5	1	0
July -	5.5	5.6		3.030	.600	16th	18							7	9	5	6	15	4	10	6	0
August -	5.7	5.3		2.010	.710	24th	8							2	11	3	5	19	11	6	5	0
September -	6.0	5.8		1.920	.640	3rd	14							7	9	3	3	10	14	9	5	0
October -	7.3	5.3		3.950	1.180	26th	13							6	7	1	0	15	17	10	6	0
November -	6.8	5.9		0.980	.260	13th	12							3	6	3	0	15	21	9	3	0
December -	5.6	4.9		0.810	.420	2nd	8							6	4	1	0	12	22	12	5	0
Year -	6.3	5.9		26.320	—	—	158							50	93	38	36	158	183	118	54	0

AUCKLAND.

				ins.	ins.																	
1860.				ins.	ins.																	
January -	6.4	5.1		1.220	.550	28th	8							10	12	4	0	8	17	5	6	0
February -	6.4	5.3		3.270	2.130	15th	8							12	14	3	0	10	14	3	2	0
March -	7.1	6.0		2.060	1.420	20th	10							6	9	4	0	8	20	10	5	0
April -	6.7	6.2		1.130	.430	25th	7							1	8	7	8	14	15	5	2	0
May -	7.1	6.9		4.790	1.090	30th	15							1	8	7	1	9	18	11	7	0
June -	7.6	7.6		11.250	2.020	9th	27							12	5	9	1	2	8	7	16	0
July -	4.5	4.0		3.570	1.030	14th	16							2	4	0	0	30	19	6	1	0
August -	6.0	6.2		3.220	.840	26th	22							2	c	0	2	16	16	21	5	0
September -	5.5	5.6		3.570	.580	16th	15							1	3	3	11	18	12	8	4	0
October -	6.9	6.6		7.330	1.370	24th	19							9	12	3	2	10	14	6	6	0
November -	7.5	6.6		3.890	1.420	9th	14							5	11	5	2	6	13	14	4	0
December -	7.4	7.0		3.180	1.260	19th	9							19	27	10	1	3	1	0	1	0
Year -	6.6	6.1		48.480	—	—	170							80	113	55	28	134	167	96	59	0

AUCKLAND.

				ins.	ins.																	
1861.				ins.	ins.																	
January -	6.7	6.0		0.780	.210	29th	10							12	17	4	0	10	10	5	4	0
February -	6.9	6.4		3.770	2.260	16th	5							11	13	2	0	8	18	2	2	0
March -	5.5	5.3		1.870	.560	24th	11							6	8	5	1	12	22	6	2	0
April -	7.7	7.7		3.790	1.520	22nd	12							3	22	4	4	4	11	7	5	0
May -	5.9	5.8		10.750	2.560	2nd	15							9	16	8	9	13	4	2	1	0
June -	7.3	6.7		8.210	3.920	23rd	21							2	3	2	2	5	28	10	8	0
July -	6.3	6.4		9.090	1.600	3rd	24							8	7	1	0	8	17	12	9	0
August -	5.3	5.6		3.880	1.230	17th	16							0	3	5	12	11	16	6	9	0
September -	5.9	6.5		3.700	.640	4th	18							8	16	1	1	2	20	7	5	0
October -	6.2	6.9		2.920	.960	16th	15							3	7	3	0	8	15	15	11	0
November -	7.2	7.7		4.770	.930	12th	18							3	15	8	3	2	12	10	7	0
December -	6.1	—		3.550	.930	8th	9							0	16	1	0	6	19	12	8	0
Year -	6.4	—		57.080	—	—	174							65	143	44	32	89	192	91	71	0



## AUCKLAND, N.Z. (R.E.).

Long. 174° 51' E. Lat. 36° 50' S. Height above Mean Sea Level, 140 feet.

1862.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9.30 a.m.	3.30 p.m.	9.30 a.m.	3.30 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9.30 a.m.	3.30 p.m.	Mean.	9.30 a.m.	3.30 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
January -	ins. 29.797	ins. 29.775	70.9	72.6	69.3	60.3	78.2	54.0	22nd	87.0	18th	.570	.622		77.9	77.2	%	
February -	.921	.882	75.3	77.1	73.7	65.9	81.5	60.0	10, 11	88.0	22nd	.714	.780		82.9	84.4		
March -	.868	.818	71.0	72.5	69.6	61.9	77.3	56.0	15th	83.0	13th	.547	.546		71.7	69.3		
April -	29.731	29.688	63.6	65.2	64.7	56.2	73.1	45.0	15th	90.0	8th	.452	.477		72.4	76.5		
May -																		
June -																		
July -																		
August -																		
September -																		
October -																		
November -																		
December -																		
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

## AUCKLAND, N.Z. (A.M.D.).

1864.	9 a.m.   3 p.m.		9 a.m.	3 p.m.	°	°	°	°	°	°	°	°	°	°	°	°	°
	ins.	ins.															
January -	29.750		71.2	63.0	49.4	76.6	43.0	—	87.5	—		in.			62		%
February -	.830		73.0	64.5	50.1	78.9	42.0	—	91.0	—		.477			61		
March -	29.934		67.3	62.8	51.7	73.9	41.5	—	84.0	—		.496			66		
April -	30.076		66.7	64.0	54.8	73.2	46.6	—	78.0	—		.441			65		
May -	29.845		63.5	55.8	48.5	63.0	38.3	—	69.5	—		.427			50		
June -	.802		54.4	52.4	46.1	58.7	38.5	—	66.2	—		.287			73		
July -	.823		55.3	55.0	49.5	60.5	41.5	—	64.5	—		.309			73		
August -	.662		54.8	53.6	47.1	60.1	35.8	—	66.8	—		.323			70		
September -	.749		58.8	57.8	51.7	63.9	47.0	—	69.2	—		.297			69		
October -	.809		62.0	61.2	55.0	67.3	46.9	—	74.8	—		.340			70		
November -	.766		65.6	63.1	54.8	71.3	43.5	—	80.0	—		.388			65		
December -	29.791		72.3	70.3	61.2	79.3	53.8	—	87.5	—		.403			65		
Year -	29.820		63.7	60.3	51.7	68.9	—	—	—	—		.520			65.8		

## AUCKLAND, N.Z. (A.M.D.).

1865.	ins.		°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
	ins.	ins.															
January -	29.807		71.9	69.9	60.1	79.7	50.0	—	90.1	—		in.			76		%
February -	.864		73.9	71.3	60.2	82.4	54.5	—	90.3	—		.597			75		
March -	.766		69.4	67.5	57.2	77.8	49.8	—	88.3	—		.635			85		
April -	.890		62.8	62.1	52.6	71.6	46.7	—	85.0	—		.610			85		
May -	.692		57.7	56.2	48.6	63.8	39.5	—	72.9	—		.487			90		
June -	.755		53.7	52.1	44.7	59.5	37.1	—	64.5	—		.428			89		
July -	.749		52.1	50.7	43.4	57.9	31.9	—	65.9	—		.367			82		
August -	.842		53.0	51.2	42.6	59.7	35.2	—	66.8	—		.322			74		
September -	.732		56.4	53.9	45.7	62.0	40.2	—	69.8	—		.297			70		
October -	.763		58.5	56.0	47.5	64.4	40.0	—	69.8	—		.321			66		
November -	.812		62.8	60.3	50.1	70.4	43.0	—	78.0	—		.327			66		
December -	29.823		67.4	63.8	53.8	73.7	43.3	—	86.1	—		.389			68		
Year -	29.791		61.6	59.6	50.5	68.6	—	—	—	—		.440			77.1		

## AUCKLAND, N.Z. (A.M.D.).

1866.	ins.		°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
	ins.	ins.															
January -	29.818	29.783	68.2	71.1	66.6	55.4	77.7	50.0	7th	86.8	16, 18	in.	in.	in.	%	%	%
February -	.918	.890	71.0	73.8	69.9	60.1	79.6	53.6	22nd	87.5	25th	.498	.573		72	75	
March -	.987	.952	66.4	70.7	65.9	54.8	77.0	45.5	25th	86.2	17th	.550	.516		73	63	
April -	29.931	29.875	61.4	64.2	61.0	51.7	70.3	44.7	20th	89.0	28th	.459	.470		71	62	
May -	30.066	30.016	55.9	60.2	55.6	45.9	65.2	34.8	2nd	72.9	9th	.420	.409		78	68	
June -	29.965	29.940	53.2	57.1	52.1	43.4	60.8	33.5	25th	65.0	11, 27	.362	.362		81	69	
July -	.885	.836	52.6	56.0	52.7	44.2	61.1	37.2	24th	67.0	16th	.322	.308		79	66	
August -	.965	.921	52.7	57.1	52.3	42.8	61.7	36.1	4th	69.9	10th	.326	.335		82	74	
September -	.778	.722	56.5	59.0	54.7	45.5	63.9	40.5	1st, 2nd	73.5	17th	.333	.353		84	75	
October -	.911	.869	60.6	63.2	59.2	49.2	69.1	40.5	5th	79.1	20th	.353	.362		77	73	
November -	.895	.854	66.0	67.8	62.6	51.7	73.5	42.5	8th	83.1	25th	.407	.415		80	72	
December -	29.808	29.785	68.3	70.3	66.8	55.9	77.7	50.3	10, 12	89.5	19th	.437	.413		68	61	
Year -	29.911	29.870	61.1	64.2	60.0	50.1	69.8	—	—	—	—	.503	.481		73	65	

Thermometers, 7 feet above ground. Rain-gauge, on or near the ground.

AUCKLAND.

1862.	Amount of Cloud.			Rainfall.			Weather. No. of Days of								Wind, No. of Observations of							
	9.30 a.m.	3.30 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	5.6	5.6		ins. 2.000	ins. .450	5th	11							4	12	1	2	10	24	6	3	0
February -	6.1	5.4		1.530	.840	18th	9							9	14	6	3	6	13	4	1	0
March -	5.8	5.6		5.140	1.810	4th	14							7	17	2	3	2	24	2	5	0
April -	5.5	5.8		7.410	2.260	20th	20							2	7	1	4	18	19	3	6	0
May -																						
June -																						
July -																						
August -																						
September -																						
October -																						
November -																						
December -																						
Year -	—	—		—	—	—	—							—	—	—	—	—	—	—	—	—

AUCKLAND.

1864.	9 a.m.	3 p.m.	ins.	ins.																		
January -	5.6		3.160	—	—	8								14	—	13	—	16	—	19	—	0
February -	6.3		0.470	—	—	4								12	—	12	—	18	—	16	—	0
March -	5.0		*1.500	—	—	5								8	—	7	—	26	—	21	—	0
April -	5.2		*0.480	—	—	6								20	—	19	—	10	—	11	—	0
May -	5.5		*5.160	—	—	20								5	—	4	—	25	—	28	—	0
June -	5.2		*4.560	—	—	18								8	—	10	—	27	—	15	—	0
July -	5.7		4.690	—	—	18								8	—	12	—	23	—	19	—	0
August -	5.7		5.470	—	—	19								9	—	10	—	25	—	18	—	0
September -	6.7		3.460	—	—	19								15	—	12	—	13	—	20	—	0
October -	6.7		3.840	—	—	18								22	—	14	—	10	—	16	—	0
November -	6.7		*3.180	—	—	12								11	—	5	—	20	—	24	—	0
December -	6.3		*5.890	—	—	12								23	—	17	—	8	—	14	—	0
Year -	5.9		41.860	—	—	159								155	—	135	—	221	—	221	—	0

\* From rain-gauge 22 feet above the ground.

AUCKLAND.

1865.			ins.	ins.																		
January -	6.5		2.140	—	—	12								15	—	13	—	13	—	21	—	0
February -	5.1		2.470	—	—	7								19	—	9	—	12	—	16	—	0
March -	6.3		4.610	—	—	11								18	—	15	—	15	—	14	—	0
April -	5.7		1.630	—	—	11								3	—	4	—	32	—	21	—	0
May -	6.5		5.660	—	—	22								13	—	2	—	19	—	28	—	0
June -	6.7		3.710	—	—	26								7	—	0	—	25	—	28	—	0
July -	6.0		6.010	—	—	25								7	—	5	—	29	—	21	—	0
August -	6.4		3.710	—	—	24								5	—	8	—	20	—	29	—	0
September -	6.8		3.010	—	—	16								7	—	3	—	17	—	33	—	0
October -	6.1		2.390	—	—	19								4	—	2	—	24	—	32	—	0
November -	6.8		3.930	—	—	16								8	—	5	—	19	—	28	—	0
December -	5.6		1.310	—	—	12								10	—	4	—	18	—	30	—	0
Year -	6.2		40.580	—	—	201								116	—	70	—	243	—	301	—	0

AUCKLAND.

1866.			ins.	ins.																		
January -	6.5	5.2	3.160	1.810	21st	7	0	0	3					8	9	0	0	0	35	2	7	1
February -	7.2	6.3	1.790	.820	28th	12	0	0	0					2	24	0	0	2	19	4	5	0
March -	5.7	5.2	8.450	4.570	31st	7	0	0	0	1				7	23	3	5	2	13	2	7	0
April -	6.8	6.4	1.630	.470	1st	14	0	0	0	0				0	5	1	2	0	48	2	2	0
May -	5.0	5.8	2.030	1.150	31st	16	0	0	0	0				1	12	3	19	0	22	1	4	0
June -	7.1	6.9	2.280	1.050	27th	12	0	0	0	1				0	2	0	6	0	38	10	4	0
July -	6.8	7.4	4.300	1.360	22nd	13	0	0	0	0				2	24	5	7	1	13	5	5	0
August -	5.8	5.9	2.470	.850	13th	15	0	1	2					3	2	0	1	4	42	0	10	0
September -	7.7	8.1	6.500	1.720	29th	18	0	0	0	2				1	11	2	9	0	19	10	8	0
October -	8.0	7.2	1.620	.330	1st	12	0	0	0	0				10	10	0	0	2	28	11	1	0
November -	7.1	6.4	2.480	1.230	28th	11	0	0	0	0				3	11	0	2	0	29	9	6	0
December -	7.9	7.5	5.360	2.930	6th	15	0	0	1					11	12	3	0	1	19	7	9	0
Year -	6.8	6.5	42.070	—	—	152	0	1	10					48	145	17	51	12	325	63	68	1



AUCKLAND, N.Z. (A.M.D.).

Long. 174° 51' E. Lat. 36° 50' S. Height above Mean Sea Level, 140 feet.

1867.	Pressure.		Air Temperature.										Tension of Vapour.			Relative Humidity.		
	9 a.m.	3 p.m.	9 a.m.	3 p.m.	Mean of Max. and Min.	Means of		Absolute Min. and Max.				9 a.m.	3 p.m.	Mean.	9 a.m.	3 p.m.	Mean.	
						Min.	Max.	Min.	Date.	Max.	Date.							
	ins.	ins.										in.	in.	in.	%	%	%	
January -	29.812	29.782	72.6	74.5	71.2	60.9	81.5	55.0	11th	89.2	20th	.598	.599		75	70		
February -	.806	.761	71.0	74.2	68.6	57.7	79.4	51.8	25th	88.5	21st	.537	.499		70	58		
March -	29.810	29.769	66.2	70.6	65.1	53.7	76.5	46.5	15th	88.3	10th	.450	.448		70	60		
April -	30.068	30.023	63.3	68.5	63.0	52.4	73.5	43.0	26th	81.8	5th	.467	.473		81	67		
May -	29.973	29.926	57.1	61.4	56.7	46.7	66.7	31.9	30th	78.0	6th	.390	.381		84	72		
June -	.846	.800	51.9	56.0	51.4	42.6	60.2	33.0	24th	70.1	6th, 7th	.346	.380		89	84		
July -	.816	.765	53.2	56.8	53.7	42.8	64.6	33.4	12th	75.0	16th	.358	.351		87	75		
August -	.796	.742	52.9	55.1	52.4	41.8	62.9	35.0	24th	73.9	2nd	.337	.331		84	75		
September	.826	.765	57.4	60.8	55.8	46.2	65.4	37.0	5th	71.0	30th	.373	.386		79	76		
October -	.682	.662	60.1	61.9	58.1	48.1	68.1	36.0	15th	74.5	6th	.394	.384		75	70		
November	.690	.655	61.1	63.9	57.8	46.6	68.9	35.9	23rd	76.7	6th	.395	.391		74	66		
December	29.875	29.849	67.5	70.3	65.5	54.6	76.4	45.1	20th	88.5	30th	.595	.514		74	69		
Year -	29.833	29.792	61.2	64.5	59.9	49.5	70.3	—	—	—	—	.429	.428		78.5	70.2		

AUCKLAND, N.Z. (A.M.D.).

1868.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.891	29.870	60.4	71.2	66.0	54.7	77.2	45.7	10th	86.5	27th	.501	.486		69	63	
February -	.806	.780	66.1	69.7	64.5	53.1	75.8	45.9	10th	87.0	17th	.462	.425		72	58	
March -	.939	.903	65.9	69.2	63.4	53.3	73.5	46.2	18th	80.4	5th, 25th	.488	.463		76	64	
April -	29.919	.892	61.6	63.6	59.8	50.6	69.0	43.2	27th	74.0	8th	.444	.424		81	73	
May -	30.001	.971	55.9	59.1	55.9	46.2	65.6	38.1	6th, 29th	70.7	1st	.388	.377		87	75	
June -	29.898	.854	52.4	57.8	52.6	42.5	62.7	33.0	8th	67.8	27th	.351	.371		89	77	
July -	.911	.865	52.0	56.2	51.8	41.6	61.9	31.9	2nd	67.0	28th	.340	.353		87	78	
August -	.781	.743	51.0	54.6	51.4	40.3	62.4	32.2	18, 26	64.8	27th	.328	.319		87	76	
September -	.881	.839	55.8	58.4	54.1	43.7	64.4	35.3	3rd	73.4	22nd	.355	.348		80	71	
October -	.805	.765	59.2	60.9	56.2	46.7	65.7	37.8	20th	73.6	25, 26	.365	.355		72	67	
November -	.917	.890	62.7	63.9	59.7	48.9	70.4	40.0	18th	77.2	15th	.411	.394		72	67	
December -	29.870	29.843	66.4	68.6	62.7	51.6	73.8	42.0	5th	84.5	22nd	.436	.432		67	62	
Year -	29.885	29.851	59.9	62.8	58.2	47.8	68.5	—	—	—	—	.406	.396		78.3	69.3	

AUCKLAND, N.Z. (A.M.D.).

1869.	ins.	ins.										in.	in.	in.	%	%	%
January -	29.785	29.762	71.1	72.5	66.3	55.2	77.4	47.2	23rd	84.9	15th	.515	.499		67	61	
February -	29.815	.777	68.6	71.4	65.8	56.2	75.4	48.0	16th	83.0	19th	.539	.535		77	69	
March -	30.011	.982	65.9	69.5	62.7	52.2	73.2	45.0	30th	80.0	8th, 16th	.467	.454		74	62	
April -	29.970	.936	61.1	64.4	59.2	49.4	69.0	40.0	17th	79.6	11th	.447	.429		84	71	
May -	.815	.779	56.9	59.4	54.2	45.7	62.7	35.5	21st	67.1	17th	.368	.363		80	72	
June -	29.829	29.791	53.1	55.6	51.7	43.8	59.6	33.5	23rd	66.1	12th	.342	.349		84	79	
July -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
August -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
September -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
October -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
November -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
December -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	

Thermometers, 2 feet above ground. Rain-gauge, on or near the ground.

AUCKLAND.

1867.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	3 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	8.3	7.5		ins. 3.960	ins. 1.330	10th	11	0	0	0				2	34	4	3	6	10	3	0	0		
February -	7.5	5.4		5.550	3.260	10th	9	0	0	0				4	3	0	3	2	37	5	2	0		
March -	7.1	6.6		0.970	.280	25th	12	0	0	0				1	9	6	4	5	33	3	1	0		
April -	6.5	6.6		7.720	2.650	3rd	10	0	0	1				5	23	5	11	4	10	1	1	0		
May -	5.7	5.9		4.580	1.900	26th	14	0	0	2				2	10	6	2	9	22	1	10	0		
June -	5.6	5.3		7.750	1.900	5th	21	0	0	1				1	9	16	3	16	10	2	3	0		
July -	6.4	6.3		3.100	.530	7th	19	0	0	0				3	5	0	8	15	23	5	3	0		
August -	5.9	6.6		5.300	1.160	15th	24	0	0	2				4	4	1	2	2	37	10	0	2		
September	6.9	6.5		3.090	.990	19th	15	0	0	0				3	17	10	10	1	8	2	6	3		
October -	7.3	6.6		4.280	.820	5th	24	0	1	3				2	1	0	0	3	26	17	13	0		
November	7.2	6.2		4.600	.780	17th	19	0	4	6				4	0	1	0	6	24	23	1	1		
December	8.0	6.2		2.380	.680	16th	15	0	0	0				17	7	0	0	8	12	10	2	6		
Year -	6.9	6.3		53.280	—	—	193	0	5	15				48	122	49	46	77	252	82	42	12		

AUCKLAND.

1868.				ins.	ins.																		
January -	7.2	6.0		1.610	.590	8th	8	0	0	0				24	2	4	0	13	6	12	1	0	
February -	7.4	6.6		4.230	2.360	3rd	14	0	0	1				6	3	8	3	3	13	15	3	4	
March -	7.2	6.2		4.310	1.360	27th	11	0	0	0				5	4	5	2	29	10	3	2	2	
April -	7.2	7.5		4.680	1.900	21st	17	0	0	1				7	1	1	0	19	17	8	6	1	
May -	7.2	7.5		1.620	.450	8th	15	0	0	1				8	1	0	1	25	6	13	4	4	
June -	6.0	5.9		5.840	1.520	16th	19	0	0	0				0	4	9	6	11	6	12	2	10	
July -	6.7	6.6		5.210	1.110	26th	19	0	0	2				2	1	0	3	22	11	12	6	5	
August -	6.5	6.5		3.980	.940	22nd	21	0	0	0				8	2	3	4	17	22	1	1	4	
September	6.9	7.7		7.460	1.850	11th	21	0	0	0				1	4	15	5	17	4	13	0	1	
October -	7.7	7.1		4.220	.620	2, 4	22	0	0	1				9	3	3	1	7	12	23	4	0	
November	7.9	7.3		3.990	1.190	15th	14	0	0	0				5	7	7	3	7	10	15	3	3	
December	7.1	6.3		1.560	.660	15th	11	0	0	0				8	2	0	0	6	17	14	12	3	
Year -	7.1	6.8		48.710	—	—	192	0	0	6				83	34	55	28	176	134	141	44	37	

AUCKLAND.

1869.				ins.	ins.																		
January -	6.4	6.8		5.430	1.130	29th	14	0	0	3				19	5	6	2	6	12	5	6	1	
February -	7.3	6.7		14.580	6.410	11th	16	0	0	3				6	9	12	3	17	1	4	1	3	
March -	6.2	5.7		0.450	.070	19, 20	9	0	0	0				8	0	1	3	21	9	15	3	2	
April -	6.5	6.4		4.090	1.800	27th	15	0	0	2				12	1	0	0	23	11	3	4	6	
May -	6.4	6.5		5.410	1.570	23rd	21	0	0	0				6	0	0	7	14	14	10	7	4	
June -	6.3	6.9		5.420	1.910	20th	16	0	0	0				12	0	3	3	21	5	5	5	6	
July -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	
August -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	
September -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	
October -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	
November -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	
December -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	
Year -	—	—		—	—	—	—	—	—	—				—	—	—	—	—	—	—	—	—	

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